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**THE VARIATION OF SOUND VELOCITY AND TEMPERATURE
IN THE
NORTH ATLANTIC**

ACTIVE RESEARCH BRANCH

VOL. II



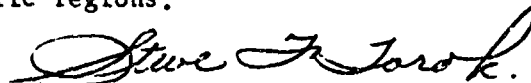
**U.S. NAVAL AIR DEVELOPMENT CENTER
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1966

FOREWORD

This document presents sound velocity and temperature data as a function of geographical area (North Atlantic), month, and season for standard depths. The subject matter presented is taken from historical data available on tape at the NODC.

This document is intended to give ASW and oceanographic personnel a first approximation of various environmental conditions to be expected for specific regions.



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ACKNOWLEDGMENT

The NAVAIRDEVCON wishes to thank Thomas Winterfeld and James Gallagher of NODC for their many helpful suggestions and data reduction.

GENERAL INFORMATION

Scope

Summary listings of sound velocity and temperature with depth and the respective gradients are presented in two volumes for the area of the North Atlantic Ocean which lies between 20°N and 60°N latitude and between 30°W longitude and the North American Continent. . Volume I contains listings for that part of the area between 40°N and 60°N; Volume II contains the part between 20°N and 40°N. All data within the confines of Chesapeake Bay are excluded from the listings.

Basic Data

Oceanographic data obtained from Nansen bottle casts were used in computation of sound velocity and gradients. These data include all oceanographic stations in the NODC archives within the designated area, except for those stations which were considered unsuitable and were therefore deleted. The deletions were made for the following reasons:

1. Erroneous data.
2. Bottle spacing in the cast not close enough to present a meaningful velocity profile.
3. Stations too shallow to be of value.

The remaining 30,929 stations were geographically sorted by Marsden squares. Locations of Marsden squares are presented in Figure 1, with the heavy line showing the extent of the area. The positioning of one-degree squares and quadrants within the Marsden squares is explained in Figure 2.

Presentation

Three types of listings have been prepared for each Marsden square in the area, based on the following criteria:

1. Stations are sorted according to Marsden square, one-degree square, and month. Any one-degree square and month listing must contain a minimum of eight stations extending to at least 150 meters depth.
2. A geosort is made by Marsden square, one-degree square, and season. Seasons are defined by successive 3-month periods of the year, beginning with January. To qualify for this type of listing, a one-degree square must have at least five stations extending to a depth of 400 meters or more.
3. A sort is made by Marsden square, five-degree quadrant and month. There is no depth requirement for this listing, and all quadrants for which data exist are listed by month.

For all three of the above listings, one-degree squares or quadrants are not listed if no data exist or if the minimum requirements are not fulfilled.

Computation Methods

Sound velocity was computed by using observed temperatures and salinities according to Wilson's formula:

$$V_F = 1449.14 + V_t + V_p + V_s + V_{stp} \text{ and}$$

$$V_t = 4.5721t - 4.4532 \times 10^{-2}t^2 - 2.6045 \times 10^{-4}t^3 + 7.9851 \times 10^{-6}t^4$$

$$V_p = 1.60272 \times 10^{-1}p + 1.0268 \times 10^{-5}p^2 + 3.5216 \times 10^{-9}p^3 - 3.3603 \times 10^{-12}p^4$$

$$V_s = 1.39799 (s - 35) + 1.69202 \times 10^{-3} (s - 35)^2$$

$$V_{stp} = (s - 35) (-1.1244 \times 10^{-2}t + 7.7711 \times 10^{-7}t^2 + 7.7016 \times 10^{-5}p - 1.2943 \times 10^{-7}p^2 + 3.1580 \times 10^{-8}pt + 1.5790 \times 10^{-9}pt^2) + p(-1.8607 \times 10^{-4}t + 7.4812 \times 10^{-6}t^2 + 4.5283 \times 10^{-8}t^3) + p^2(-2.5294 \times 10^{-7}t + 1.8563 \times 10^{-9}t^2) + p^3 (-1.9646 \times 10^{-10}t).$$

where

t = Temperature in degrees Centigrade

p = Pressure in kilograms per square centimeter

s = Salinity in parts per thousand

V_p = Sound velocity in meters per second.

Sound velocity at standard depths was interpolated by using the 3-point La Grange method of interpolation between observed depths.

Standard deviation is computed from the formula:

$$STD = \sqrt{\frac{\sum x^2 - \frac{(\sum x)^2}{n}}{n - 1}}$$

where

$\sum x^2$ = Sum of squared parameter values

$(\sum x)^2$ = Square of summed parameter values

n = Number of samples.

Gradients are computed from:

$$RAD = 30.48 \left(\frac{x_1 - x_0}{z_1 - z_0} \right)$$

where

x_1 = A parameter value at some standard depth

x_0 = Either an observed or interpolated parameter value
immediately above x_1

z_1 = A standard depth

z_0 = Observed or standard depth immediately above z_1 .

Averages are obtained by:

$$AVG = \frac{\sum x}{n}$$

where

$\sum x$ = Sum of the parameter values

n = Number of parameter values.

EXPLANATION OF HEADINGS

DEPTH--Standard depths in meters are listed in this column. Depths extend to the standard depth immediately above the deepest observed value.

VELOCITY--Sound velocity in meters per second is given under subheadings for average (AVG), maximum (MAX), and minimum (MIN) computed values at each standard depth. Also included are the number of stations (NO) used in computation and the standard deviation (SD) in meters per second.

VELOCITY GRADIENT--Velocity gradients are measured in meters per second per 100 feet to the depth (standard or observed) immediately above each standard depth. Subheadings AVG, MAX, and MIN refer to the average, maximum, and minimum computed gradients. The number of stations (NO) in some instances is smaller than the number given

under the velocity heading; this occurs when sound velocity is not computed at an observed level immediately above a standard level.

TEMPERATURE--The temperatures listed under the subheadings AVG, SD, MAX, and MIN refer, respectively, to the average, standard deviation, maximum, and minimum temperatures at standard depths and are recorded in degrees Centigrade. The number of stations at each depth level is given under NO.

TEMPERATURE GRADIENT--Gradients to the next higher observed or standard depths are given in degrees Centigrade per 100 feet. The subheadings carry the same meanings as previously described. If, at any of the stations, a temperature is missing at an observed level immediately above a standard level, the number of stations at any particular depth may be less than the corresponding number appearing under "TEMPERATURE."

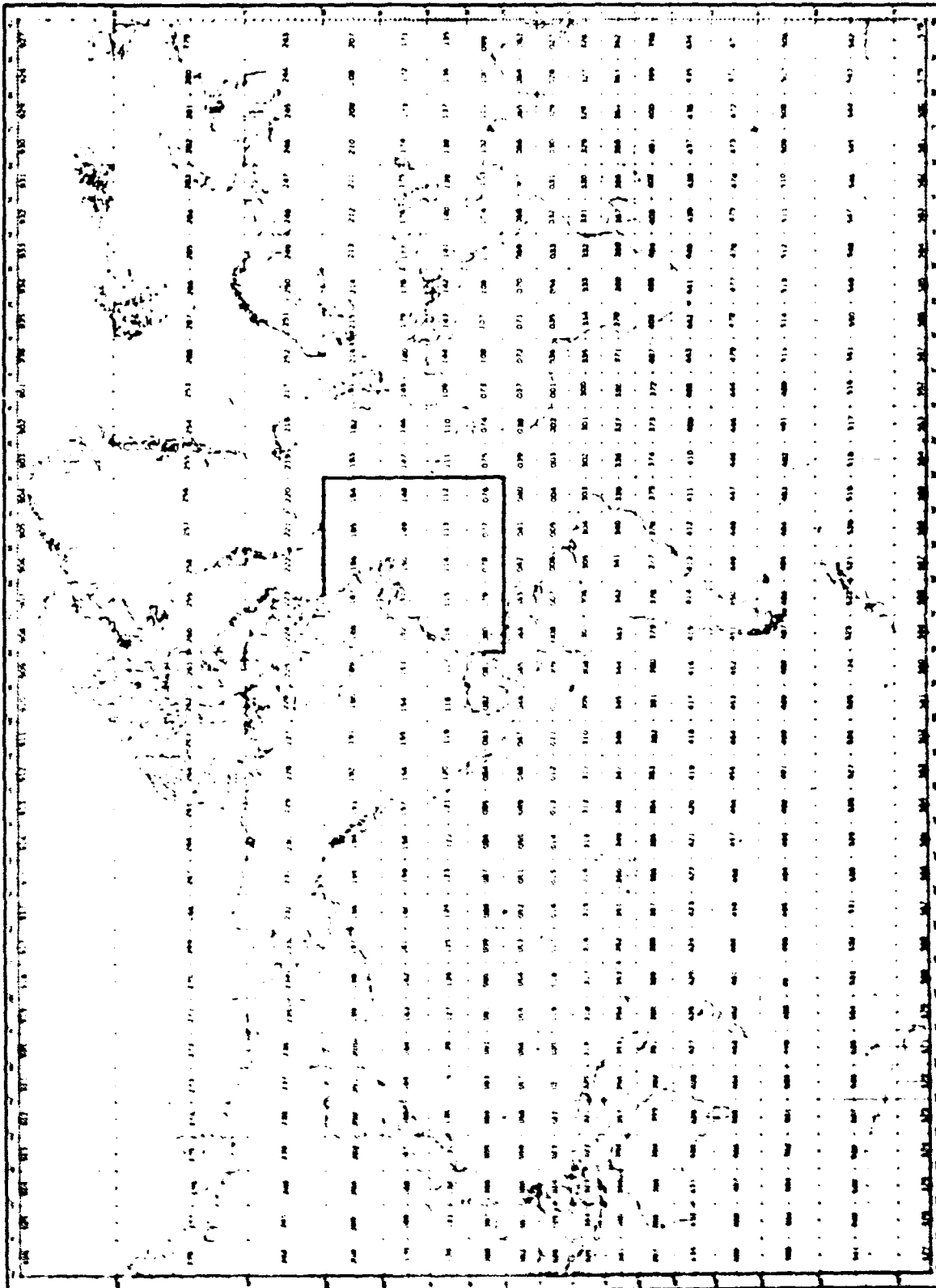
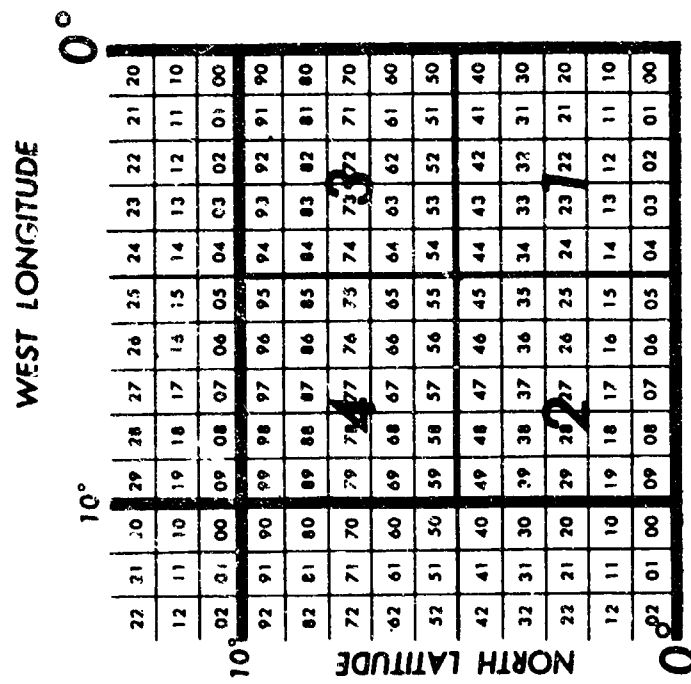


FIG. I. MARSDEN SQUARE CHART



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Monthly Summary Listings

<u>Marsden Square</u>	<u>1-Degree Square</u>	<u>Month</u>	<u>Page</u>
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079	98	FEB	2
080	20	APR	3
080	36	MAR	4
080	36	MAY	5
080	36	JUL	6
080	36	AUG	7
080	36	OCT	8
080	37	MAR	9
080	37	JUL	10
080	37	AUG	11
080	37	SEP	12
080	37	OCT	13
080	46	MAR	14
080	46	OCT	15
080	47	JAN	16
080	47	MAR	17
080	47	MAY	18
080	47	JUL	19
080	47	AUG	20
080	47	SEP	21
080	47	OCT	22
080	47	NOV	23
080	47	DEC	24
080	49	JUN	25
080	52	OCT	26
080	57	MAR	27
080	59	JAN	28
080	59	FEB	29
080	59	MAR	30
080	59	APR	31
080	59	MAY	32
080	59	JUN	33
080	59	SEP	34
080	59	NOV	35
080	66	JAN	36
080	66	FEB	37
080	66	APR	38
080	66	JUN	39
080	66	JUL	40
080	66	OCT	41

<u>Marsden Square</u>	<u>1-Degree Square</u>	<u>Month</u>	<u>Page</u>
080	66	NOV	42
080	69	FEB	43
080	69	APR	44
080	69	MAY	45
080	69	JUN	46
080	79	JUN	47
080	89	FEB	48
080	89	APR	49
080	96	NOV	50
080	99	FEB	51
113	03	APR	52
113	58	FEB	53
115	07	FEB	54
115	08	FEB	55
115	14	OCT	56
115	15	AUG	57
115	24	JUN	58
115	24	OCT	59
115	25	JUN	60
115	25	OCT	61
115	35	JUN	62
115	45	JUN	63
115	56	JUL	64
115	57	JUL	65
115	57	OCT	66
115	65	JUL	67
115	66	JUL	68
115	67	JUL	69
115	68	OCT	70
115	77	OCT	71
115	78	OCT	72
115	79	AUG	73
115	84	MAY	74
115	88	OCT	75
115	89	JUL	76
115	89	AUG	77
115	98	SEP	78
116	06	JUN	79
116	17	NOV	80
116	36	MAY	81
116	44	JUL	82
116	53	MAY	83
116	54	MAY	84
116	64	MAY	85
116	80	AUG	86
116	90	JAN	87
116	90	APR	88
116	90	JUN	89
116	90	JUL	90

<u>Marsden Square</u>	<u>1-Degree Square</u>	<u>Month</u>	<u>Page</u>
116	90	AUG	91
116	90	SEP	92
116	90	OCT	93
116	91	AUG	94

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079	02	JAN FEB MAR	95
079	18	APR MAY JUN	96
079	29	APR MAY JUN	97
079	45	JAN FEB MAR	98
079	46	JAN FEB MAR	99
079	96	JAN FEB MAR	100
079	97	JAN FEB MAR	101
079	98	JAN FEB MAR	102
080	03	APR MAY JUN	103
080	09	JAN FEB MAR	104
080	10	APR MAY JUN	105
080	11	APR MAY JUN	106
080	20	APR MAY JUN	107
080	20	OCT NOV DEC	108
080	23	JAN FEB MAR	109
080	36	APR MAY JUN	110
080	36	JUL AUG SEP	111
080	36	OCT NOV DEC	112
080	37	APR MAY JUN	113
080	37	JUL AUG SEP	114
080	37	OCT NOV DEC	115
080	44	JAN FEB MAR	116
080	45	JAN FEB MAR	117
080	46	JAN FEB MAR	118
080	46	OCT NOV DEC	119
080	47	JAN FEB MAR	120
080	47	APR MAY JUN	121
080	47	JUL AUG SEP	122
080	47	OCT NOV DEC	123
080	49	APR MAY JUN	124
080	52	JAN FEB MAR	125
080	52	OCT NOV DEC	126
080	56	APR MAY JUN	127
080	57	JAN FEB MAR	128
080	57	APR MAY JUN	129
080	59	JAN FEB MAR	130
080	59	APR MAY JUN	131
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080	66	APR MAY JUN	136
080	66	JUL AUG SEP	137
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080	69	JAN FEB MAR	139
080	69	APR MAY JUN	140
080	79	JAN FEB MAR	141
080	79	APR MAY JUN	142
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080	79	OCT NOV DEC	144
080	89	JAN FEB MAR	145
080	89	APR MAY JUN	146
080	96	OCT NOV DEC	147
080	97	APR MAY JUN	148
080	97	OCT NOV DEC	149
080	99	JAN FEB MAR	150
080	99	APR MAY JUN	151
080	99	OCT NOV DEC	152
113	03	APR MAY JUN	153
113	58	JAN FEB MAR	154
113	99	APR MAY JUN	155
114	80	APR MAY JUN	156
114	88	APR MAY JUN	157
114	88	JUL AUG SEP	158
114	90	APR MAY JUN	159
114	94	APR MAY JUN	160
115	04	APR MAY JUN	161
115	07	JAN FEB MAR	162
115	08	JAN FEB MAR	163
115	14	APR MAY JUN	164
115	14	OCT NOV DEC	165
115	15	APR MAY JUN	166
115	15	JUL AUG SEP	167
115	15	OCT NOV DEC	168
115	24	JAN FEB MAR	169
115	24	APR MAY JUN	170
115	24	OCT NOV DEC	171
115	25	APR MAY JUN	172
115	25	OCT NOV DEC	173
115	33	APR MAY JUN	174
115	34	APR MAY JUN	175
115	35	JAN FEB MAR	176
115	35	APR MAY JUN	177
115	44	JAN FEB MAR	178
115	45	JAN FEB MAR	179
115	45	APR MAY JUN	180
115	45	JUL AUG SEP	181
115	45	OCT NOV DEC	182

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115	49	OCT NOV DEC	185
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115	56	APR MAY JUN	187
115	56	JUL AUG SEP	188
115	57	APR MAY JUN	189
115	57	JUL AUG SEP	190
115	57	OCT NOV DEC	191
115	60	APR MAY JUN	192
115	63	APR MAY JUN	193
115	64	APR MAY JUN	194
115	65	APR MAY JUN	195
115	65	JUL AUG SEP	196
115	66	JUL AUG SEP	197
115	66	OCT NOV DEC	198
115	67	APR MAY JUN	199
115	67	JUL AUG SEP	200
115	68	APR MAY JUN	201
115	68	JUL AUG SEP	202
115	68	OCT NOV DEC	203
115	69	JUL AUG SEP	204
115	70	APR MAY JUN	205
115	74	APR MAY JUN	206
115	76	APR MAY JUN	207
115	76	JUL AUG SEP	208
115	77	APR MAY JUN	209
115	77	OCT NOV DEC	210
115	78	APR MAY JUN	211
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115	79	APR MAY JUN	214
115	79	JUL AUG SEP	215
115	79	OCT NOV DEC	216
115	80	APR MAY JUN	217
115	81	APR MAY JUN	218
115	82	APR MAY JUN	219
115	83	APR MAY JUN	220
115	84	APR MAY JUN	221
115	84	JUL AUG SEP	222
115	85	APR MAY JUN	223
115	86	APR MAY JUN	224
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115	88	OCT NOV DEC	227
115	89	APR MAY JUN	228
115	89	JUL AUG SEP	229
115	89	OCT NOV DEC	230
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115	96	APR MAY JUN	235
115	98	JUL AUG SEP	236
115	99	JUL AUG SEP	237
116	06	APR MAY JUN	238
116	09	APR MAY JUN	239
116	09	JUL AUG SEP	240
116	09	OCT NOV DEC	241
116	16	OCT NOV DEC	242
116	17	OCT NOV DEC	243
116	22	JAN FEB MAR	244
116	26	APR MAY JUN	245
116	27	APR MAY JUN	246
116	31	JAN FEB MAR	247
116	31	APR MAY JUN	248
116	35	APR MAY JUN	249
116	36	APR MAY JUN	250
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116	41	APR MAY JUN	252
116	42	APR MAY JUN	253
116	43	APR MAY JUN	254
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116	45	JUL AUG SEP	257
116	52	APR MAY JUN	258
116	53	APR MAY JUN	259
116	53	JUL AUG SEP	260
116	54	APR MAY JUN	261
116	60	JUL AUG SEP	262
116	63	APR MAY JUN	263
116	64	APR MAY JUN	264
116	70	JUL AUG SEP	265
116	71	APR MAY JUN	266
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Monthly Quadrant Listings

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076	2	OCT	282
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076	4	FEB	286
076	4	JUL	287
076	4	AUG	288
077	1	FEB	289
077	1	MAR	290
077	1	AUG	291
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077	2	OCT	294
077	2	NOV	295
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078	3	JUN	320
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078	4	JUL	329
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079	1	JAN	331
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079	1	MAR	333
079	1	APR	334
079	1	JUN	335
079	1	JUL	336
079	1	OCT	337
079	1	NOV	338
079	1	DEC	339
079	2	JAN	340
079	2	FEB	341
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079	2	APR	343
079	2	MAY	344
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079	4	JAN	357
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079	4	MAY	361
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079	4	SEP	364
079	4	OCT	365
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080	1	JAN	367
080	1	FEB	368
080	1	MAR	369
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080	2	APR	380
080	2	MAY	381
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080	3	MAY	393
080	3	JUN	394
080	3	JUL	395
080	3	OCT	396
080	3	NOV	397
080	4	JAN	398
080	4	FEB	399
080	4	MAR	400
080	4	APR	401
080	4	MAY	402
080	4	JUN	403
080	4	JUL	404
080	4	AUG	405
080	4	SEP	406
080	4	OCT	407
080	4	NOV	408
080	4	DEC	409
112	1	JUN	410
112	1	AUG	411
112	1	SEP	412
112	1	OCT	413
112	1	NOV	414
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113	1	DEC	431
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113	2	JUN	435
113	2	NOV	436
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113	3	MAR	438
113	3	APR	439
113	3	JUN	440
113	3	AUG	441
113	3	SEP	442
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114	2	JAN	456
114	2	FEB	457
114	2	APR	458
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114	4	JUL	472
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114	4	OCT	475
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115	1	FEB	477
115	1	MAR	478
115	1	APR	479
115	1	MAY	480
115	1	JUN	481
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115	1	AUG	483
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115	2	MAY	492
115	2	JUN	493
115	2	JUL	494
115	2	AUG	495
115	2	SEP	496
115	2	OCT	497
115	2	NOV	498
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115	3	JUL	504
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115	4	FEB	509
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115	4	APR	511
115	4	MAY	512
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115	4	JUL	514
115	4	AUG	515
115	4	SEP	516
115	4	OCT	517
115	4	NOV	518
115	4	DEC	519

<u>Maraden Square</u>	<u>Quadrant</u>	<u>Month</u>	<u>Page</u>
116	1	JAN	520
116	1	FEB	521
116	1	MAR	522
116	1	APR	523
116	1	MAY	524
116	1	JUN	525
116	1	JUL	526
116	1	AUG	527
116	1	SEP	528
116	1	OCT	529
116	1	NOV	530
116	1	DEC	531
116	2	JAN	532
116	2	FEB	533
116	2	MAR	534
116	2	APR	535
116	2	MAY	536
116	2	JUN	537
116	2	JUL	538
116	2	AUG	539
116	2	SEP	540
116	2	OCT	541
116	2	NOV	542
116	2	DEC	543
116	3	JAN	544
116	3	FEB	545
116	3	MAR	546
116	3	APR	547
116	3	MAY	548
116	3	JUN	549
116	3	JUL	550
116	3	AUG	551
116	3	SEP	552
116	3	OCT	553
116	3	NOV	554
116	3	DEC	555
116	4	JUL	556
116	4	AUG	557
116	4	NOV	558

SUMMARY FOR CNE DEGREE SQUARE 97 OF MARSDEN SQUARE 79 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1523.7	1.9	1528.3	1521.3	0	0.0	0.0	0.0	12	19.87	0.71	21.59	19.01	0	0.00	0.00	0.00
10.	12	1523.8	1.9	1528.3	1521.5	12	0.4	0.6	0.3	12	19.85	0.70	21.54	19.01	12	-0.04	-0.03	-0.18
20.	12	1524.0	1.9	1528.4	1521.7	12	0.6	1.5	0.3	12	19.84	0.69	21.48	19.02	12	-0.03	0.15	-0.18
30.	12	1524.1	1.9	1528.5	1521.8	11	0.5	3.0	0.3	12	19.83	0.68	21.43	19.01	11	-0.04	0.03	-0.20
50.	12	1524.3	1.7	1527.7	1522.1	12	0.5	3.0	-1.2	12	19.77	0.61	21.00	18.99	12	-0.12	-0.13	-0.65
75.	12	1524.4	1.5	1526.7	1522.5	12	0.2	0.5	-1.2	12	19.68	0.54	20.49	18.99	12	-0.10	0.01	-0.60
100.	12	1524.4	1.4	1526.4	1522.9	11	-0.3	1.5	-3.0	12	19.53	0.49	20.23	18.99	12	-0.29	-0.08	-1.10
125.	12	1524.3	1.2	1526.7	1522.9	12	-0.0	0.9	-1.7	12	19.34	0.41	20.19	18.84	12	-0.20	-0.02	-0.77
150.	12	1524.2	1.1	1526.9	1522.9	12	-0.3	0.6	-1.5	12	19.17	0.39	20.14	18.71	12	-0.23	0.01	-0.44
200.	12	1523.9	1.1	1526.2	1522.2	12	-0.2	0.5	-1.0	12	18.80	0.37	19.56	18.21	12	-0.24	-0.01	-0.51
250.	12	1523.7	0.7	1524.7	1522.4	12	-0.2	0.1	-0.9	12	18.42	0.25	18.79	17.98	12	-0.25	-0.14	-0.47
300.	12	1523.5	0.5	1524.2	1522.6	11	-0.1	0.1	-0.3	12	18.10	0.18	18.32	17.79	12	-0.16	-0.06	-0.20
400.	12	1523.4	0.6	1524.8	1522.6	12	-0.0	0.4	-0.3	12	17.55	0.20	18.01	17.29	12	-0.16	-0.07	-0.23
500.	12	1522.3	1.0	1524.5	1521.0	12	-0.6	-0.3	-1.2	12	16.67	0.33	17.38	16.27	12	-0.34	-0.11	-0.43
600.	12	1518.6	1.4	1521.5	1516.6	12	-1.6	-1.0	-3.0	12	15.05	0.42	15.95	14.44	12	-0.62	-0.44	-1.05
700.	10	1512.6	1.2	1514.0	1510.2	10	-1.8	-1.5	-2.0	10	12.83	0.34	13.23	12.15	10	-0.66	-0.57	-0.72
800.	2	1505.7	0.8	1506.3	1505.1	2	-2.0	-1.9	-2.2	2	10.47	0.23	10.63	10.30	2	-0.70	-0.65	-0.75

SUMMARY FOR ONE DEGREE SQUARE 98 OF MARSDEN SQUARE 79 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	18	1525.2	0.7	1526.5	1523.9	0	0.0	0.0	0.0	18	20.41	0.24	20.89	19.98	0	0.00	0.00	0.00
10.	18	1525.4	0.7	1526.7	1524.0	18	0.5	0.9	-0.3	18	20.41	0.25	20.91	19.93	18	-0.02	0.06	-0.34
20.	18	1525.6	0.7	1527.0	1523.9	18	0.5	0.9	-0.3	18	20.40	0.26	20.93	19.83	18	-0.02	0.09	-0.30
30.	18	1525.7	0.7	1527.2	1523.8	18	0.3	1.5	-1.5	18	20.39	0.28	20.94	19.73	18	-0.03	0.03	-0.30
50.	18	1525.9	0.8	1527.5	1523.8	18	0.4	1.5	-0.2	18	20.36	0.29	20.93	19.59	18	-0.06	0.03	-0.30
75.	18	1526.1	0.7	1527.1	1524.1	17	0.2	0.6	-1.0	18	20.29	0.26	20.65	19.56	18	-0.10	0.02	-0.51
100.	18	1526.2	0.8	1527.1	1524.3	18	0.1	1.5	-1.2	18	20.17	0.29	20.49	19.48	18	-0.16	0.01	-0.74
125.	18	1526.1	1.0	1527.5	1524.3	18	-0.1	1.5	-1.3	18	19.99	0.37	20.48	19.35	18	-0.22	-0.01	-0.66
150.	18	1525.8	1.1	1527.8	1523.5	16	-0.8	0.5	-3.0	18	19.73	0.41	20.46	18.94	16	-0.46	-0.01	-1.07
200.	18	1524.5	0.7	1526.0	1522.7	18	-0.4	0.3	-2.0	18	19.01	0.26	19.52	18.40	18	-0.33	-0.05	-0.83
250.	18	1524.2	0.6	1525.2	1522.6	17	-0.1	0.2	-0.7	18	18.62	0.22	18.94	18.07	17	-0.22	-0.10	-0.43
300.	18	1524.1	0.5	1525.0	1522.6	16	-0.0	0.2	-0.4	18	18.29	0.19	18.60	17.80	17	-0.19	-0.12	-0.33
400.	16	1523.9	0.5	1524.8	1522.4	16	0.0	0.8	-0.2	18	17.70	0.18	17.99	17.19	18	-0.17	-0.08	-0.22
500.	16	1523.4	0.8	1524.4	1521.0	16	-0.3	0.3	-0.9	17	16.97	0.28	17.34	16.27	17	-0.24	-0.05	-0.43
600.	16	1520.3	1.6	1523.0	1516.4	16	-1.2	-0.5	-2.0	17	15.51	0.52	16.38	14.39	17	-0.53	-0.31	-0.76
700.	14	1515.1	2.0	1517.6	1510.8	13	-1.5	-1.1	-1.9	15	13.50	0.60	14.27	12.29	15	-0.60	-0.46	-0.67
800.	3	1510.2	1.4	1511.8	1509.4	3	-1.9	-1.5	-2.2	3	11.71	0.37	12.14	11.49	3	-0.68	-0.57	-0.77

SUPMARY FOR ONE DEGREE SQUARE 20 OF MARSDEN SQUARE 80 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT						
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX
0.	9	1538.3	0.8	1539.3	1537.2	0.0	0	0.0	0.0	0.0	9	25.62	0.39	26.21	25.20	0	0.00	0.00	0.00
10.	9	1537.8	0.7	1538.5	1536.5	-1.3	9	-1.3	-0.7	-6.1	9	25.48	0.37	25.81	24.82	9	-0.84	-0.27	-2.44
20.	9	1537.2	1.2	1538.5	1534.7	0.3	9	-1.7	0.3	-5.5	9	25.16	0.57	25.73	23.96	9	-1.02	-0.15	-2.62
30.	9	1536.8	1.2	1538.1	1534.4	0.8	9	-1.1	0.8	-2.5	9	24.90	0.59	25.48	23.76	9	-0.68	-0.23	-1.27
50.	9	1536.5	1.3	1537.8	1534.5	0.8	9	-0.7	0.8	-3.0	9	24.58	0.61	25.24	23.67	9	-0.53	-0.05	-1.02
75.	9	1535.7	1.7	1538.1	1533.3	-0.3	9	-0.7	-0.3	-2.2	9	24.06	0.72	25.09	23.02	9	-0.62	-0.25	-1.15
100.	9	1534.5	1.9	1537.5	1531.9	-0.2	9	-1.5	-0.2	-3.0	9	23.36	0.78	24.61	22.33	9	-0.91	-0.37	-1.52
125.	9	1532.9	2.3	1536.2	1529.3	-1.1	9	-2.1	-1.1	-3.2	9	22.56	0.87	23.85	21.17	9	-1.03	-0.69	-1.45
150.	9	1531.2	2.2	1534.6	1527.2	-1.3	9	-2.0	-1.3	-2.7	9	21.73	0.85	23.05	20.22	9	-0.99	-0.71	-1.27
200.	9	1528.0	2.0	1531.0	1524.3	-1.0	8	-2.3	-1.0	-3.0	9	20.23	0.72	21.32	18.94	9	-0.91	-0.41	-1.27
250.	9	1525.3	1.2	1527.2	1523.3	-0.4	9	-1.4	-0.4	-2.3	9	19.01	0.43	19.65	18.31	9	-0.67	-0.27	-1.02
300.	9	1523.9	0.7	1525.0	1522.7	1.0	9	-0.5	1.0	-1.2	9	18.23	0.24	18.61	17.82	9	-0.35	-0.10	-0.60
400.	9	1522.4	0.5	1523.2	1521.6	-0.2	9	-0.5	-0.2	-1.2	9	17.22	0.16	17.47	16.96	9	-0.36	-0.22	-0.58
500.	9	1518.1	1.0	1519.5	1516.5	-1.2	8	-1.7	-1.2	-2.1	9	15.39	0.30	15.80	14.91	9	-0.70	-0.53	-0.90
600.	9	1512.3	1.4	1514.8	1510.7	-1.4	9	-1.7	-1.4	-2.2	9	13.21	0.40	13.92	12.76	9	-0.64	-0.53	-0.78
700.	9	1506.9	1.5	1509.9	1505.1	-0.7	9	-1.7	-0.7	-3.0	9	11.24	0.40	12.06	10.77	9	-0.60	-0.32	-0.91
800.	9	1501.5	1.6	1503.8	1498.5	-0.5	8	-1.5	-0.7	-2.0	9	9.38	0.43	9.98	8.59	9	-0.56	-0.33	-0.66
900.	9	1497.5	2.0	1500.4	1493.4	-0.4	9	-1.0	-0.4	-1.6	9	7.91	0.50	8.65	6.88	9	-0.38	-0.20	-0.54
1000.	9	1494.6	1.6	1496.6	1491.0	-0.6	9	-0.9	-0.6	-1.5	9	6.75	0.40	7.24	5.86	9	-0.38	-0.29	-0.53
1100.	9	1492.5	1.4	1494.1	1489.2	-0.3	9	-0.6	-0.3	-1.3	9	5.81	0.34	6.19	5.01	9	-0.28	-0.19	-0.45
1200.	9	1491.6	1.2	1493.1	1487.0	-0.1	8	-0.1	-0.0	-0.3	9	5.17	0.29	5.55	4.56	9	-0.15	-0.12	-0.19
1300.	8	1491.4	1.0	1492.7	1489.4	0.1	8	0.0	0.1	-0.1	8	4.72	0.25	5.03	4.24	8	-0.12	-0.09	-0.16
1400.	8	1491.7	0.8	1492.7	1490.2	0.1	7	0.1	0.1	0.1	8	4.39	0.20	4.63	4.04	8	-0.10	-0.06	-0.12
1500.	8	1492.4	0.7	1493.1	1491.0	0.4	7	0.2	0.4	0.1	8	4.14	0.16	4.33	3.83	8	-0.06	-0.04	-0.10
1750.	8	1495.1	0.4	1495.6	1494.3	0.3	8	0.3	0.4	0.3	8	3.80	0.09	3.91	3.63	8	-0.04	-0.02	-0.05
2000.	8	1498.2	0.3	1498.9	1497.8	0.4	7	0.4	0.4	0.4	8	3.54	0.08	3.70	3.45	8	-0.03	-0.02	-0.04
2500.	7	1504.7	0.4	1505.4	1504.1	0.4	6	0.4	0.4	0.4	7	3.05	0.10	3.22	2.93	7	-0.03	-0.02	-0.04
3000.	6	1511.9	0.2	1512.1	1511.6	0.5	6	0.4	0.5	0.4	7	2.72	0.05	2.78	2.66	7	-0.02	-0.01	-0.03
4000.	4	1527.6	0.2	1527.8	1527.5	0.5	4	0.5	0.5	0.5	6	2.34	0.02	2.37	2.31	6	-0.00	-0.00	-0.01
5000.	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.27	0.00	2.27	2.27	1	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1535.2	0.8	1537.8	1534.6	0	0.0	0.0	0.0	18	24.17	0.32	25.38	23.85	0	0.00	0.00	0.00
10.	14	1535.1	0.8	1537.8	1534.5	11	0.0	0.3	-0.3	17	24.11	0.33	25.32	23.81	17	-0.17	-0.12	-0.30
20.	14	1535.3	0.8	1537.9	1534.7	10	0.4	0.6	0.3	17	24.10	0.32	25.29	23.82	17	-0.01	0.03	-0.09
30.	14	1535.5	0.7	1538.0	1534.9	14	0.5	0.6	0.3	17	24.10	0.32	25.28	23.82	17	-0.01	0.03	-0.06
40.	14	1535.4	0.7	1538.0	1535.2	12	0.4	1.5	0.5	17	24.09	0.28	25.14	23.83	17	0.03	0.15	-0.02
50.	15	1536.2	0.5	1538.0	1535.6	12	0.6	3.0	0.6	17	24.12	0.23	24.95	23.89	17	-0.01	0.09	-0.30
60.	15	1536.5	0.4	1537.7	1535.9	8	0.7	1.5	0.4	17	24.09	0.17	24.64	23.88	12	0.01	0.30	-0.30
70.	15	1536.9	0.3	1537.4	1536.4	14	0.5	1.1	-0.4	17	24.08	0.12	24.36	23.85	16	-0.01	0.21	-0.34
80.	14	1537.3	0.3	1537.7	1536.5	11	-0.1	0.8	-3.0	16	24.05	0.13	24.19	23.75	16	-0.20	0.04	-0.61
90.	12	1536.5	1.2	1538.1	1534.5	7	-1.6	-1.3	-3.0	16	23.42	0.44	24.03	22.67	16	-1.03	-0.61	-2.44
100.	12	1531.5	1.9	1534.3	1528.2	12	-3.0	-2.1	-4.8	16	21.29	0.65	22.18	20.00	16	-1.30	-0.99	-1.95
110.	3	1524.5	0.0	1524.5	1524.5	3	-0.2	-0.3	-0.3	3	18.44	0.01	18.45	18.43	3	-0.30	-0.28	-0.30
120.	3	1521.9	0.5	1522.5	1521.5	2	-1.5	-1.4	-1.5	3	17.09	0.15	17.27	17.00	3	-0.64	-0.58	-0.74
130.	3	1516.2	1.1	1517.5	1515.5	2	-2.7	-2.6	-2.8	3	14.82	0.31	15.17	14.60	2	-0.94	-0.87	-1.00
140.	3	1508.9	1.6	1510.1	1507.1	2	-2.3	-2.3	-2.3	3	12.25	0.44	12.54	11.74	3	-0.75	-0.67	-0.80
150.	3	1502.6	1.7	1503.7	1500.7	3	-1.9	-1.6	-2.0	3	10.08	0.44	10.38	9.58	3	-0.66	-0.64	-0.69
160.	2	1498.1	0.1	1498.1	1498.0	1	-1.7	-1.7	-1.7	2	8.43	0.04	8.45	8.40	2	4.27	9.12	-0.58
170.	2	1493.3	0.6	1493.7	1492.8	2	-1.5	-1.3	-1.6	2	6.79	0.16	6.90	6.68	2	-0.50	-0.46	-0.54
180.	1	1490.8	0.0	1490.8	1490.8	1	-0.7	-0.7	-0.7	1	5.79	0.00	5.79	5.79	1	-0.28	-0.28	-0.28
190.	1	1489.5	0.0	1489.5	1489.5	1	-0.4	-0.4	-0.4	1	5.05	0.00	5.05	5.05	1	-0.23	-0.23	-0.23

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 80 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1537.8	1.5	1535.2	1535.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1537.8	1.1	1539.0	1536.2	7	-0.2	3.0	3.0	-3.0	7	-0.34	1.01	-1.52
20.	7	1537.7	1.0	1538.1	1536.3	7	-0.3	2.4	2.7	-2.7	7	-0.34	0.76	-1.40
30.	7	1537.6	1.1	1538.8	1536.2	7	-0.3	1.5	1.5	-2.1	7	-0.35	0.49	-1.19
40.	7	1537.3	1.5	1538.9	1535.1	7	-0.8	0.9	0.9	-3.5	7	-0.71	0.11	-1.98
50.	7	1537.3	0.9	1537.2	1534.3	7	-2.1	-0.4	-0.4	-3.7	7	-1.12	-0.39	-1.76
75.	7	1535.6	0.9	1535.9	1533.3	7	-1.2	-0.8	-0.8	-3.0	7	-0.41	-0.12	-0.85
100.	7	1534.4	0.7	1535.3	1533.2	7	-0.6	0.1	0.1	-2.0	7	-0.47	-0.21	-1.00
125.	7	1533.9	0.9	1535.0	1532.5	7	-1.8	-0.2	-0.2	-4.6	7	-0.97	-0.27	-1.83
150.	7	1533.2	0.9	1535.0	1532.5	7	-2.6	-1.5	-1.5	-3.8	7	-1.11	-0.79	-1.63
200.	7	1529.9	1.4	1531.8	1528.0	7	-2.0	-0.8	-0.8	-3.2	7	-0.91	-0.61	-1.30
250.	7	1526.1	1.2	1527.4	1524.1	6	-0.6	-0.6	-1.2	-1.2	7	-0.43	-0.30	-0.57
300.	7	1523.5	0.8	1524.6	1522.1	6	-0.6	-1.1	-1.1	-2.3	7	-0.45	-0.36	-0.50
400.	7	1520.5	0.9	1521.1	1518.5	7	-0.9	-0.6	-1.0	-2.3	7	-0.62	-0.44	-0.71
500.	7	1516.7	0.8	1517.7	1515.1	7	-1.7	-1.3	-1.3	-2.0	7	-0.65	-0.53	-0.71
600.	7	1511.2	1.2	1513.5	1509.4	7	-1.7	-1.5	-1.5	-1.8	7	-0.60	-0.55	-0.62
700.	7	1505.6	1.2	1508.0	1504.1	7	-1.7	-1.7	-1.3	-2.1	6	-0.56	-0.47	-0.68
800.	6	1500.0	0.6	1500.9	1499.2	6	-1.7	-1.5	-1.3	-1.8	6	-0.50	-0.45	-0.56
900.	6	1495.1	1.1	1496.1	1493.4	6	-1.5	-1.3	-1.3	-1.4	6	-0.50	-0.45	-0.56
1000.	6	1491.2	0.7	1491.9	1489.9	6	-1.1	-0.8	-0.8	-1.4	6	-0.41	-0.34	-0.47
1100.	3	1489.3	0.6	1490.0	1488.8	3	-0.3	-0.1	-0.1	-0.5	3	-0.21	-0.17	-0.25
1200.	1	1489.6	0.0	1489.5	1489.6	1	-0.1	-0.1	-0.1	-0.1	1	-0.15	-0.15	-0.15
1300.	1	1490.1	0.0	1490.1	1490.1	1	0.2	0.2	0.2	0.2	1	-0.07	-0.07	-0.07

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 80 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	34	1545.0	0.8	1547.0	1542.9	74	28.80	0.30	29.40	28.21	0	0.00	0.00	0.00		
10.	34	1544.8	0.7	1546.4	1543.1	74	28.62	0.24	29.15	28.13	34	-0.53	0.12	-1.59		
20.	34	1544.5	0.7	1545.8	1542.7	74	28.39	0.25	28.85	27.85	34	-0.75	-0.30	-1.83		
30.	34	1543.9	0.8	1545.1	1542.2	74	28.07	0.34	28.54	27.35	34	-1.17	-0.30	-4.27		
50.	33	1542.5	1.1	1542.8	1538.7	74	27.18	0.61	27.66	25.37	34	-1.67	-0.59	-3.05		
75.	33	1539.7	1.2	1543.6	1536.8	74	25.74	0.57	27.61	24.49	34	-1.66	-0.30	-2.37		
100.	32	1537.3	1.0	1539.5	1534.0	74	24.52	0.43	25.48	23.17	34	-1.24	-0.06	-2.61		
125.	32	1535.6	1.5	1539.1	1533.5	74	23.72	0.58	25.12	22.82	34	-0.97	-0.02	-1.61		
150.	31	1533.8	1.8	1537.9	1531.6	72	22.80	0.73	24.45	21.91	32	-1.14	-0.23	-2.23		
200.	31	1529.6	1.5	1533.1	1527.7	71	20.84	0.56	22.16	20.13	29	-1.08	-0.54	-2.04		
250.	31	1526.2	0.9	1528.8	1524.2	71	19.33	0.32	20.29	18.62	31	-0.90	-0.45	-1.27		
300.	31	1523.4	0.5	1524.9	1522.6	71	18.11	0.17	18.67	17.83	31	-0.58	-0.27	-1.07		
400.	31	1519.7	1.0	1521.5	1518.1	71	16.40	0.31	16.92	15.89	31	-0.53	-0.38	-0.76		
500.	30	1515.2	1.3	1517.7	1512.0	71	14.53	0.39	15.30	13.57	31	-0.62	-0.49	-0.78		
600.	30	1509.6	1.2	1512.3	1506.3	71	12.46	0.35	13.25	11.52	31	-0.63	-0.54	-0.74		
700.	29	1504.2	1.0	1506.2	1501.7	70	10.51	0.28	11.08	9.85	30	-0.59	-0.47	-0.70		
800.	25	1498.9	0.8	1500.5	1497.1	75	8.68	0.24	9.12	8.15	25	-0.53	-0.46	-0.61		
900.	24	1494.7	0.8	1495.5	1492.4	74	7.07	0.21	7.40	6.57	24	-0.49	-0.45	-0.60		
1000.	20	1490.5	0.9	1491.7	1488.6	71	5.72	0.23	6.03	5.24	21	-0.42	-0.30	-0.53		
1100.	3	1489.7	0.5	1490.3	1488.4	5	5.06	0.17	5.31	4.83	5	-0.23	-0.20	-0.27		
1200.	2	1488.9	0.0	1488.9	1488.9	3	4.57	0.06	4.64	4.53	3	-0.15	-0.13	-0.16		
1300.	1	1489.9	0.0	1489.9	1489.9	1	4.39	0.00	4.38	4.38	1	-0.05	-0.05	-0.05		

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 80 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1546.3	0.9	1547.9	1545.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	14	1546.2	0.8	1547.7	1545.4	15	-0.0	1.2	-1.2	-1.2	15	-0.15	0.30	-0.67
20.	15	1546.1	0.6	1547.4	1545.5	15	0.0	3.0	3.0	-1.2	15	-0.36	0.06	-0.79
30.	15	1545.8	0.6	1547.5	1544.6	15	-0.7	1.5	-5.2	-5.2	15	-0.60	0.46	-2.59
40.	15	1543.8	2.0	1546.7	1540.3	15	-3.2	0.3	-6.6	-6.6	15	-1.68	-0.09	-3.20
50.	15	1540.8	1.1	1543.1	1539.0	13	-3.7	0.4	-10.2	-10.2	15	-2.00	-0.18	-5.23
60.	15	1539.1	1.1	1540.8	1536.4	15	-1.8	-0.3	-4.3	-4.3	15	-1.05	-0.30	-2.05
70.	15	1537.9	1.0	1539.2	1535.7	14	-1.5	-0.9	-2.9	-2.9	14	-0.89	-0.56	-1.43
80.	15	1536.1	0.9	1538.0	1534.6	14	-2.3	-0.9	-3.2	-3.2	15	-1.15	-0.59	-1.49
90.	15	1530.1	1.1	1533.5	1526.8	14	-3.9	-1.0	-5.9	-5.9	15	-1.71	-0.60	-2.42
100.	15	1526.3	2.5	1531.3	1524.1	14	-2.1	-1.2	-2.9	-2.9	14	-0.91	-0.61	-1.23
110.	15	1524.1	2.3	1529.0	1522.4	9	-1.1	-0.4	-1.5	-1.5	15	-0.54	-0.32	-0.74
120.	15	1520.6	1.8	1524.2	1518.6	12	-1.2	-0.7	-1.6	-1.6	15	-0.56	-0.37	-0.71
130.	9	1515.7	2.2	1519.1	1513.6	8	-1.5	-1.3	-2.2	-2.2	9	-0.68	-0.52	-0.85
140.	9	1509.3	2.5	1513.0	1505.4	7	-2.0	-1.7	-2.8	-2.8	9	-0.67	-0.33	-0.91
150.	9	1503.6	2.6	1507.1	1498.4	6	-1.7	-1.5	-1.8	-1.8	7	-0.60	-0.54	-0.64
160.	8	1498.5	2.9	1501.3	1492.3	7	-1.4	-1.0	-1.9	-1.9	8	-0.52	-0.41	-0.62
170.	7	1493.6	2.6	1497.0	1489.1	4	-1.4	-1.3	-1.5	-1.5	7	-0.51	-0.45	-0.61
180.	7	1490.6	1.6	1493.5	1489.1	5	-0.9	-0.1	-1.3	-1.3	8	-0.31	-0.12	-0.44
190.	6	1489.3	0.9	1491.1	1488.5	6	-0.3	-0.0	-0.7	-0.7	7	-0.22	-0.14	-0.30
200.	6	1489.1	0.4	1489.7	1488.8	4	-0.1	0.1	-0.4	-0.4	7	-0.14	-0.08	-0.22

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 60 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
	NO	AVG	S D	MAX	MIN		NO	AVG	S D	MAX	MIN	
0.	11	1544.5	0.4	1545.6	1544.1		11	26.59	0.17	29.02	24.60	
10.	12	1544.6	0.0	1544.9	1544.3		12	28.55	0.09	28.66	28.39	
20.	12	1544.7	0.0	1545.0	1544.4		12	28.52	0.07	28.63	28.36	
30.	12	1544.9	0.2	1545.2	1544.5		12	28.53	0.07	28.63	28.36	
50.	12	1545.2	0.1	1545.4	1544.9		12	28.48	0.09	28.61	28.34	
75.	12	1543.3	1.2	1545.6	1541.6		12	27.41	0.55	28.49	26.63	
100.	12	1540.0	1.4	1543.1	1538.1		12	25.70	0.64	27.11	24.87	
125.	12	1537.4	1.2	1539.1	1535.6		12	24.33	0.47	25.02	23.62	
150.	12	1533.9	1.5	1536.0	1531.6		12	22.73	0.54	23.52	21.85	
200.	12	1526.7	0.9	1527.5	1524.9		12	19.79	0.30	20.07	19.17	
250.	12	1524.2	0.6	1525.1	1523.0		12	16.61	0.20	16.91	16.22	
300.	11	1522.5	0.6	1523.6	1521.6		12	17.78	0.19	18.15	17.51	
400.	11	1520.1	1.1	1521.8	1518.8		12	16.46	0.37	17.05	16.06	
500.	5	1515.6	1.3	1517.0	1514.2		5	14.52	0.43	15.07	13.98	
600.	5	1509.3	1.1	1510.8	1507.9		5	12.35	0.34	12.82	11.95	
700.	5	1502.4	0.7	1503.4	1501.5		5	10.04	0.20	10.31	9.82	
800.	2	1496.3	1.1	1497.1	1495.5		2	6.01	0.28	6.20	7.41	
900.	2	1492.6	0.4	1492.9	1492.3		2	6.65	0.09	6.71	6.58	
1000.	2	1490.3	0.3	1490.5	1490.1		2	5.67	0.07	5.72	5.62	
1100.	2	1489.4	0.6	1489.8	1488.9		2	5.03	0.15	5.13	4.92	
1200.	1	1490.0	0.0	1490.0	1490.0		1	4.77	0.00	4.77	4.77	
1300.	1	1490.7	0.0	1490.7	1490.7		1	4.55	0.00	4.55	4.55	
1400.	1	1491.6	0.0	1491.6	1491.6		1	4.35	0.00	4.35	4.35	
1500.	0	0.0	0.0	0.0	0.0		1	4.18	0.00	4.18	4.18	

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	30	1534.5	0.5	1536.3	1533.8	0	0.0	0.0	0.0	0.0	37	24.02	25.02	23.79
10.	32	1534.5	0.4	1536.8	1534.1	28	0.1	3.0	-4.3		36	23.93	24.92	23.76
20.	32	1534.7	0.4	1536.7	1534.3	25	0.5	1.5	-0.3		36	23.92	24.81	23.76
30.	32	1534.9	0.4	1536.8	1534.5	32	0.5	1.0	0.3		36	23.92	24.79	23.76
50.	35	1535.2	0.4	1536.9	1534.8	29	1.0	3.0	0.2		36	23.93	24.70	23.78
75.	35	1535.7	0.3	1537.0	1535.2	31	0.6	1.5	0.0		36	23.96	24.59	23.79
100.	36	1536.1	0.3	1537.2	1535.7	28	0.3	1.0	0.2		36	23.96	24.49	23.81
125.	36	1536.4	0.3	1537.2	1535.6	35	0.3	0.7	-2.0		36	23.90	24.19	23.65
150.	36	1536.5	0.6	1537.4	1534.2	32	-0.2	0.8	-3.0		36	23.77	24.11	22.92
200.	28	1534.5	1.3	1536.9	1529.4	24	-2.0	-1.0	-6.6		34	22.76	23.61	20.76
250.	27	1529.6	2.2	1531.8	1524.6	26	-2.9	-1.0	-4.2		33	20.63	21.95	18.77
300.	4	1524.9	2.1	1527.7	1523.2	3	-0.6	-0.5	-0.7		4	18.59	19.56	18.04
400.	3	1521.4	1.8	1522.9	1519.4	2	-1.3	-0.7	-1.8		4	16.86	17.40	16.31
500.	3	1516.7	2.7	1518.8	1513.6	2	-1.7	-1.5	-1.5		3	14.97	15.61	14.04
600.	3	1510.9	2.5	1512.4	1508.1	2	-1.8	-1.7	-2.0		3	12.82	13.22	12.03
700.	3	1505.0	2.1	1506.2	1502.6	3	-1.8	-1.7	-1.9		3	10.71	11.04	10.08
800.	3	1498.9	1.3	1499.7	1497.4	2	-1.8	-1.6	-2.1		3	8.66	0.32	8.86
900.	3	1493.5	0.6	1493.9	1492.8	3	-1.6	-1.4	-1.8		3	6.84	6.92	6.69
1000.	3	1490.3	0.8	1491.2	1489.6	2	-1.0	-1.0	-1.0		3	5.65	0.19	5.86
1100.	3	1489.1	1.2	1490.5	1488.4	3	-0.3	-0.2	-0.5		3	4.96	0.27	5.28
1200.	2	1489.5	0.3	1489.7	1489.3	2	0.0	0.3	-0.2		2	4.65	0.08	4.70

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSDEN SQUARE 80 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1544.6	0.7	1545.4	1543.3	0	0.0	0.0	0.0	10	28.60	0.39	29.06	27.91	0	0.00	0.00	0.00
10.	10	1544.5	0.6	1545.5	1543.6	10	-0.3	0.9	-2.7	10	28.49	0.35	28.99	27.96	10	-0.35	0.15	-1.46
20.	10	1544.3	0.8	1545.6	1543.0	10	-0.5	0.3	-2.7	10	28.35	0.41	28.97	27.77	10	-0.47	-0.06	-1.40
30.	10	1544.0	1.1	1545.8	1542.2	10	-2.7	0.6	-9.1	10	28.14	0.53	28.96	27.32	10	-1.54	-0.03	-4.57
50.	10	1542.5	2.2	1546.0	1539.6	10	-1.9	0.3	-4.6	10	27.26	1.05	28.93	25.83	10	-1.14	-0.05	-2.90
75.	10	1539.9	1.1	1541.3	1538.2	10	-2.8	-0.8	-5.7	10	25.85	0.55	26.57	24.98	10	-1.53	-0.30	-2.97
100.	10	1538.4	1.1	1539.9	1536.9	10	-1.5	1.0	-4.6	10	24.98	0.50	25.68	24.30	10	-1.00	-0.10	-2.29
125.	10	1537.2	1.8	1539.1	1533.2	10	-1.4	0.5	-4.5	10	24.25	0.71	25.12	22.72	10	-0.87	-0.11	-2.04
150.	10	1535.5	2.4	1537.7	1530.0	10	-2.6	-0.6	-4.6	10	23.38	0.89	24.13	21.30	10	-1.29	-0.43	-2.29
200.	7	1530.2	2.9	1534.9	1525.4	6	-3.1	-0.8	-4.6	7	21.05	1.04	22.80	19.33	6	-1.36	-0.30	-1.99
250.	7	1527.0	1.7	1529.6	1524.6	7	-1.9	-0.5	-3.2	7	19.63	0.60	20.51	18.77	7	-0.84	-0.34	-1.40
300.	6	1524.1	1.0	1526.2	1523.4	6	-1.8	-1.2	-3.0	6	18.37	0.42	19.20	18.09	6	-0.68	-0.55	-0.78
400.	6	1520.4	1.0	1521.9	1519.4	5	-1.1	-0.5	-1.4	6	16.62	0.35	17.09	16.29	5	-0.51	-0.32	-0.62
500.	6	1515.4	0.6	1516.3	1514.5	6	-1.5	-1.3	-2.1	6	14.58	0.20	14.89	14.33	6	-0.63	-0.56	-0.79
600.	6	1509.4	1.2	1510.9	1507.5	5	-1.8	-1.5	-2.5	6	12.37	0.33	12.80	11.84	5	-0.68	-0.60	-0.86
700.	6	1503.4	1.3	1504.5	1501.0	5	-1.8	-1.7	-2.0	6	10.28	0.35	10.61	9.65	5	-0.64	-0.60	-0.67
800.	5	1497.7	0.9	1499.1	1496.6	5	-1.6	-1.2	-2.2	5	8.38	0.24	8.75	8.10	5	-0.56	-0.47	-0.67
900.	3	1494.3	1.0	1495.0	1493.1	3	-1.0	-0.6	-1.3	3	7.08	0.26	7.27	6.79	3	-0.40	-0.28	-0.46
1000.	3	1492.5	2.5	1495.2	1490.2	3	-0.3	0.2	-0.9	3	6.22	0.62	6.90	5.67	3	-0.18	-0.09	-0.36
1100.	2	1490.2	0.0	1490.2	1490.2	2	-0.3	-0.5	-0.5	2	5.26	0.02	5.27	5.24	2	-0.19	-0.12	-0.26
1200.	2	1490.0	0.5	1490.3	1489.6	2	-0.1	0.0	-0.2	2	4.78	0.13	4.87	4.69	2	-0.14	-0.12	-0.17
1300.	2	1490.3	0.0	1490.3	1490.3	2	0.1	0.2	0.2	2	4.47	0.02	4.48	4.45	2	-0.10	-0.07	-0.12

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSDEN SQUARE 80 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAY	MIN
0.	18	1546.8	C.9	1548.3	1545.3	0.0	0	0.0	0.41	30.21	28.91	0.00	0	0.00	0.00	0.00
10.	18	1546.5	C.8	1548.2	1545.3	-0.9	18	-0.9	0.37	30.04	28.80	-2.67	18	-0.69	0.06	-2.67
20.	18	1546.2	C.6	1547.5	1545.6	-1.1	18	-1.1	0.27	29.67	28.75	-2.38	18	-0.70	0.12	-2.38
30.	18	1545.9	C.7	1547.1	1544.3	-1.5	18	-1.5	0.33	29.42	28.22	-3.35	18	-0.85	0.03	-3.35
50.	18	1544.5	1.9	1546.7	1540.8	-1.9	17	-1.9	0.84	29.10	26.48	-61.57	16	-4.45	-0.03	-61.57
75.	18	1540.8	1.1	1542.4	1539.1	-4.4	18	-4.4	0.51	27.00	25.47	-3.86	18	-2.25	-0.76	-3.86
100.	18	1538.3	1.0	1540.0	1536.6	-2.4	18	-2.4	0.44	25.71	24.25	-2.18	18	-1.36	-0.30	-2.18
125.	18	1536.6	1.5	1539.6	1534.8	-2.0	18	-2.0	0.62	25.30	23.34	-1.83	18	-1.10	-0.28	-1.83
150.	18	1534.8	1.7	1538.1	1532.6	-2.5	18	-2.5	0.69	24.46	22.26	-2.53	18	-1.22	-0.69	-2.53
200.	12	1530.7	1.4	1533.3	1528.8	-2.8	12	-2.8	0.51	22.21	20.53	-2.79	12	-1.35	-0.61	-2.79
250.	11	1526.9	2.2	1530.9	1524.3	-1.8	11	-1.8	0.80	20.98	18.65	-1.38	11	-0.81	-0.44	-1.38
300.	11	1524.8	2.0	1528.4	1522.7	-1.3	10	-1.3	0.70	19.76	17.85	-0.74	11	-0.56	-0.28	-0.74
400.	11	1521.2	1.5	1523.0	1519.0	-2.5	10	-2.5	0.47	15.23	13.96	-0.72	10	-0.54	-0.16	-0.72
500.	10	1515.6	1.6	1517.6	1513.3	-1.7	10	-1.7	0.51	13.05	11.53	-1.32	11	-0.83	-0.54	-1.32
600.	10	1508.8	1.9	1511.9	1506.4	-2.0	10	-2.0	0.41	10.94	9.61	-0.84	11	-0.73	-0.58	-0.84
700.	9	1503.2	1.5	1506.0	1501.5	-1.7	9	-1.7	0.33	8.87	7.97	-0.68	11	-0.59	-0.43	-0.68
800.	9	1497.9	1.2	1499.6	1496.2	-1.7	8	-1.7	0.43	7.40	6.27	-0.74	10	-0.56	-0.46	-0.74
900.	8	1493.2	1.7	1495.6	1491.1	-1.3	6	-1.3	0.43	7.40	6.27	-0.50	8	-0.46	-0.41	-0.50
1000.	7	1490.5	1.7	1492.7	1488.7	-0.4	7	-0.4	0.40	6.26	5.29	-0.35	8	-0.28	-0.18	-0.35
1100.	7	1489.8	1.3	1491.5	1488.4	-0.1	6	-0.1	0.29	5.55	4.79	-0.25	9	-0.14	-0.07	-0.25
1200.	3	1489.5	0.4	1489.8	1489.1	0.2	3	0.2	0.11	4.81	4.51	-0.14	6	-0.10	-0.05	-0.14
1300.	2	1490.0	0.3	1490.2	1489.8	0.2	2	0.2	0.06	4.44	4.30	-0.10	4	-0.08	-0.06	-0.10

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSUEN SQUARE 80 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1546.0	0.3	1547.0	1545.5	0.0	0	0.0	0.19	29.64	28.92	0.00	0	0.00	0.00	0.00
10.	16	1545.8	0.0	1546.4	1545.5	-4.0	16	-0.5	0.09	29.29	28.90	-1.98	16	-0.42	0.06	-1.98
20.	16	1546.0	0.1	1546.5	1545.7	0.3	16	0.4	0.09	29.23	28.86	-0.34	16	-0.10	0.06	-0.34
30.	16	1545.1	0.1	1546.4	1545.8	-1.8	16	0.3	0.06	29.12	28.88	-1.07	16	-0.09	0.30	-1.07
50.	16	1545.2	0.0	1546.5	1544.0	-3.7	16	-1.4	0.36	28.99	27.87	-1.91	16	-0.85	-0.05	-1.91
75.	16	1541.9	0.7	1542.8	1540.6	-7.3	16	-3.8	0.31	27.17	26.20	-3.35	15	-1.82	-0.61	-3.35
100.	16	1539.5	0.3	1540.1	1539.0	-1.8	16	-2.9	0.15	25.76	25.28	-1.94	16	-1.52	-1.06	-1.94
125.	16	1538.4	0.3	1539.1	1537.7	-3.0	16	-1.5	0.18	25.11	24.49	-1.52	16	-0.89	-0.30	-1.52
150.	16	1536.5	0.6	1537.2	1535.0	-4.4	16	-3.2	0.25	24.09	23.19	-2.13	13	-1.55	-1.19	-2.13
200.	16	1528.0	0.6	1529.8	1527.9	-5.8	16	-4.2	0.22	20.90	20.23	-2.35	16	-1.73	-1.20	-2.35
250.	17	1524.8	0.2	1525.3	1524.2	-2.7	16	-1.8	0.08	19.01	18.65	-1.08	17	-0.80	-0.53	-1.08
300.	17	1523.1	0.2	1523.5	1522.6	-1.3	16	-0.9	0.10	18.13	17.81	-0.58	17	-0.47	-0.40	-0.58
400.	15	1521.3	0.3	1521.8	1520.5	-1.0	14	-0.7	0.11	17.05	16.62	-0.49	15	-0.37	-0.31	-0.49
500.	5	1516.9	0.4	1517.4	1516.3	-1.7	4	-1.4	0.14	15.18	14.84	-0.65	4	-0.59	-0.48	-0.65
600.	5	1510.6	0.7	1511.6	1509.6	-2.4	5	-2.0	0.20	13.00	12.46	-0.83	5	-0.72	-0.59	-0.83
700.	5	1505.3	1.2	1507.2	1504.3	-2.0	5	-1.6	0.31	11.31	10.52	-0.69	5	-0.59	-0.52	-0.69
800.	5	1500.1	1.3	1502.0	1499.0	-1.7	5	-1.6	0.33	9.48	8.73	-0.58	5	-0.55	-0.49	-0.58
900.	5	1494.7	1.2	1496.4	1493.6	-1.8	5	-1.7	0.30	7.60	6.90	-0.59	5	-0.56	-0.52	-0.59
1000.	5	1490.2	0.4	1490.7	1489.8	-1.8	5	-1.4	0.08	5.76	5.56	-0.59	5	-0.46	-0.38	-0.59
1100.	5	1488.8	0.3	1489.3	1488.5	-0.3	5	-0.4	0.08	3.03	4.83	-0.25	5	-0.23	-0.20	-0.25
1200.	5	1488.9	0.2	1489.2	1488.7	-0.1	5	0.0	0.05	4.59	4.47	-0.14	5	-0.11	-0.08	-0.14

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1544.1	C.2	1544.4	1543.6	0	0	0.0	0.05	28.45	28.52	28.38	0	0.00	0.00	0.00
10.	9	1544.4	C.0	1544.6	1544.3	8	0	0.6	0.04	28.49	28.54	28.43	8	-0.02	0.18	-0.30
20.	9	1544.6	C.0	1544.7	1544.4	9	1	1.4	0.04	28.48	28.52	28.41	9	0.20	0.61	0.30
30.	9	1544.9	0.0	1545.0	1544.6	7	0	0.7	0.04	28.52	28.58	28.44	9	0.03	0.61	-0.30
50.	9	1545.0	0.2	1545.2	1544.8	9	-1	-1.1	0.06	28.43	28.53	28.32	9	-0.71	-0.20	-1.32
75.	9	1543.1	C.5	1543.9	1542.2	9	-4	-4.6	0.26	27.28	27.68	26.89	9	-2.38	-1.37	-3.56
100.	9	1537.7	1.0	1542.0	1538.9	8	-2	-2.4	0.43	25.67	26.51	25.13	9	-1.31	-0.30	-2.22
125.	9	1534.5	1.2	1539.5	1536.0	9	-2	-2.8	0.39	24.48	25.17	23.85	9	-1.44	-0.66	-2.05
150.	9	1528.0	1.0	1529.5	1527.0	6	-5	-5.0	0.45	22.99	23.67	22.37	9	-2.25	-1.80	-2.78
200.	9	1524.9	0.9	1527.1	1524.0	8	-2	-2.1	0.35	20.23	20.76	19.86	9	-0.93	-0.68	-1.22
250.	9	1522.9	0.9	1524.7	1522.1	7	-1	-1.9	0.33	18.87	19.64	18.53	9	-0.83	-0.68	-1.09
300.	9	1519.5	0.7	1521.0	1518.6	9	-1	-1.4	0.30	17.92	18.54	17.64	8	-0.32	-0.24	-0.43
400.	4	1513.6	0.8	1514.3	1512.5	4	-1	-1.9	0.23	16.32	16.78	16.05	9	-0.60	-0.50	-0.75
500.	4	1507.6	0.6	1508.1	1506.8	4	-1	-1.7	0.23	14.05	14.23	13.74	4	-0.71	-0.64	-0.78
600.	4	1502.1	C.9	1503.0	1501.1	4	-1	-1.8	0.16	11.85	12.00	11.65	4	-0.64	-0.57	-0.75
700.	4	1497.1	0.6	1497.6	1496.3	2	-1	-1.7	0.24	9.92	10.18	9.66	4	-0.59	-0.54	-0.65
800.	3	1493.1	0.3	1493.3	1492.7	3	-1	-1.2	0.15	8.18	8.34	8.00	4	-0.54	-0.48	-0.63
900.	2	1490.4	0.3	1490.6	1490.2	1	-0	-0.4	0.07	6.74	6.79	6.66	3	-0.45	-0.37	-0.51
1000.	2	1489.3	0.3	1489.5	1489.1	2	-0	-0.3	0.04	5.67	5.69	5.64	2	-0.26	-0.21	-0.30
1100.	2	1489.3	0.3	1489.5	1489.1	2	-0	-0.3	0.07	5.02	5.07	4.97	2	-0.20	-0.17	-0.22
1200.	2	1489.3	0.3	1489.5	1489.1	1	0	0.0	0.06	4.61	4.65	4.57	2	-0.11	-0.11	-0.12

SUMMARY FOR ONE DEGREE SQUARE 46 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	20	1534.5	0.0	1534.8	1534.2	0	0.0	0.0	0.0	20	24.02	0.07	24.14	23.90	0	0.00	0.00	0.00		
10.	20	1534.6	0.0	1534.9	1534.3	20	0.4	0.6	-0.6	20	24.01	0.07	24.14	23.86	20	-0.02	0.03	-0.37		
20.	20	1534.8	0.0	1535.1	1534.6	20	0.5	0.6	0.3	20	24.02	0.07	24.14	23.89	20	0.00	0.03	-0.03		
30.	20	1534.9	0.0	1535.2	1534.7	19	0.5	0.6	0.3	20	24.01	0.07	24.14	23.87	20	-0.00	0.03	-0.06		
50.	20	1535.3	0.0	1535.6	1535.1	20	0.5	1.5	0.3	20	24.01	0.06	24.14	23.89	20	-0.01	0.02	-0.08		
75.	20	1535.7	0.0	1536.0	1535.4	20	0.6	1.5	0.2	20	24.01	0.06	24.15	23.85	20	-0.00	0.06	-0.16		
100.	20	1536.0	0.1	1536.4	1535.5	20	0.4	0.6	0.1	20	23.99	0.09	24.15	23.78	20	-0.04	0.04	-0.41		
125.	20	1536.1	0.3	1536.7	1535.2	20	-0.1	0.4	-1.0	20	23.83	0.15	24.09	23.48	20	-0.25	-0.04	-0.51		
150.	20	1535.7	0.5	1536.6	1534.4	20	-0.6	0.2	-3.5	20	23.50	0.22	23.88	23.00	20	-0.46	-0.09	-1.52		
200.	20	1531.0	0.9	1533.3	1529.6	20	-3.9	-2.2	-5.5	20	21.36	0.34	22.23	20.81	20	-1.69	-1.00	-2.36		
250.	20	1526.7	0.8	1528.6	1524.6	19	-2.2	-0.3	-2.8	20	19.50	0.28	20.15	18.75	19	-0.96	-0.30	-1.16		
300.	20	1524.5	0.4	1526.0	1523.8	20	-1.0	1.2	-2.4	20	18.45	0.16	18.92	18.20	20	-0.54	0.12	-0.99		
400.	20	1521.8	0.8	1523.1	1520.6	18	-1.0	-0.1	-1.5	20	17.04	0.22	17.43	16.71	18	-0.46	-0.17	-0.65		
500.	19	1517.1	0.8	1518.4	1515.5	19	-1.6	-1.2	-2.3	19	15.10	0.22	15.48	14.80	19	-0.63	-0.55	-0.85		
600.	15	1510.6	0.8	1512.2	1509.5	18	-2.1	-1.7	-2.6	18	12.72	0.22	13.18	12.44	18	-0.75	-0.63	-0.89		
700.	18	1504.2	0.9	1505.5	1501.5	18	-1.9	-1.4	-2.5	18	10.52	0.25	10.86	9.80	18	-0.66	-0.52	-0.80		
800.	18	1499.0	1.0	1500.7	1496.3	18	-1.5	-1.3	-2.3	18	8.73	0.26	9.10	8.02	18	-0.54	-0.45	-0.80		
900.	18	1494.1	0.7	1495.2	1492.5	18	-1.5	-1.1	-1.8	18	7.04	0.18	7.33	6.63	18	-0.52	-0.42	-0.61		
1000.	17	1490.8	0.7	1492.1	1489.6	17	-0.8	-0.1	-1.3	17	5.79	0.18	6.12	5.51	17	-0.34	-0.16	-0.44		
1100.	17	1489.4	0.8	1491.4	1488.7	17	-0.4	0.1	-0.8	17	5.06	0.18	5.54	4.89	17	-0.21	-0.09	-0.32		
1200.	14	1490.1	0.4	1491.4	1489.7	13	0.2	0.3	-0.1	14	4.81	0.10	5.12	4.73	13	-0.06	-0.05	-0.13		
1300.	14	1490.8	0.1	1491.5	1490.7	14	0.2	0.3	0.0	14	4.60	0.05	4.76	4.54	14	-0.06	-0.05	-0.11		
1400.	13	1491.7	0.0	1492.0	1491.2	13	0.3	0.3	0.2	13	4.40	0.04	4.47	4.28	13	-0.06	-0.05	-0.09		
1500.	13	1492.6	0.0	1492.7	1492.3	13	0.3	0.3	0.2	13	4.22	0.03	4.24	4.14	13	-0.06	-0.04	-0.07		

SUMMARY FOR ONE DEGREE SQUARE 46 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	22	1545.7	0.7	1547.3	1544.6	0	0.0	0.0	0.0	75	29.15	0.32	29.96	28.66	0	0.00	0.00	0.00		
10.	26	1545.6	0.3	1546.3	1544.8	22	-0.6	2.1	-5.5	26	29.00	0.15	29.30	28.68	25	-0.46	0.58	-3.05		
20.	26	1545.7	0.3	1546.4	1545.0	25	0.4	1.5	0.3	26	28.98	0.13	29.28	28.68	26	-0.05	0.30	-0.34		
30.	26	1545.9	0.3	1546.5	1545.2	25	0.7	3.0	0.3	26	28.99	0.13	29.26	28.71	26	0.04	0.61	-0.18		
50.	26	1546.3	0.4	1547.1	1544.6	23	-0.3	1.5	-7.6	26	28.97	0.21	29.30	28.21	26	-0.41	0.34	-3.73		
75.	26	1542.6	1.5	1545.8	1539.7	23	-7.6	-3.0	-12.0	26	27.07	0.68	28.52	25.75	26	-3.89	-1.52	-5.79		
100.	26	1538.3	0.7	1539.6	1536.5	25	-4.2	-1.5	-6.9	26	24.94	0.30	25.48	24.18	26	-2.13	-0.91	-3.23		
125.	26	1535.6	0.8	1536.8	1534.0	25	-3.7	-1.8	-6.1	26	23.63	0.31	24.10	23.00	26	-1.71	-0.95	-2.62		
150.	26	1532.5	1.0	1534.2	1530.8	25	-4.0	-1.8	-5.8	26	22.23	0.38	22.91	21.55	26	-1.76	-1.07	-2.47		
200.	26	1527.2	0.6	1528.8	1526.0	22	-2.6	-1.4	-3.6	26	19.97	0.23	20.54	19.54	26	-1.14	-0.66	-1.47		
250.	26	1524.9	0.5	1526.2	1523.7	23	-0.9	-0.3	-2.0	26	18.85	0.19	19.28	18.47	26	-0.49	-0.18	-0.88		
300.	26	1523.9	0.3	1524.6	1523.0	21	-0.5	0.2	-1.3	26	18.23	0.12	18.49	17.97	26	-0.34	-0.10	-0.65		
400.	25	1522.7	0.4	1523.6	1521.5	20	-0.4	-0.2	-1.0	26	17.32	0.14	17.58	16.94	26	-0.31	-0.15	-0.61		
500.	18	1519.3	1.0	1521.6	1517.4	14	-1.4	-0.6	-2.2	18	15.75	0.32	16.36	15.18	18	-0.58	-0.34	-0.81		
600.	18	1512.6	1.3	1515.7	1511.0	15	-2.0	-1.6	-2.8	18	13.30	0.36	14.11	12.85	18	-0.73	-0.61	-0.94		
700.	18	1504.9	0.9	1506.4	1503.4	17	-2.3	-1.5	-3.0	18	10.70	0.26	11.12	10.25	18	-0.77	-0.61	-0.93		
800.	18	1498.7	0.9	1500.2	1497.2	14	-1.9	-1.4	-2.4	18	8.63	0.22	9.02	8.25	18	-0.61	-0.46	-0.77		
900.	14	1494.1	0.5	1494.9	1493.2	12	-1.5	-1.1	-3.0	15	7.03	0.14	7.25	6.83	15	-0.45	-0.30	-0.57		
1000.	13	1491.2	0.3	1492.1	1490.8	10	-0.7	-0.1	-1.2	13	5.89	0.09	6.13	5.77	13	-0.32	-0.16	-0.43		
1100.	10	1489.9	0.3	1490.3	1489.2	7	-0.3	-0.2	-0.6	11	5.17	0.09	5.32	4.99	11	-0.20	-0.13	-0.27		
1200.	10	1489.9	0.2	1490.2	1489.5	8	0.1	0.2	-0.0	11	4.77	0.07	4.85	4.67	11	-0.10	-0.07	-0.15		
1300.	9	1490.6	0.2	1490.9	1490.3	8	0.2	0.3	0.2	10	4.52	0.05	4.59	4.44	10	-0.07	-0.06	-0.10		
1400.	8	1491.4	0.0	1491.7	1491.2	8	0.3	0.4	0.2	9	4.34	0.04	4.40	4.26	9	-0.06	-0.04	-0.07		
1500.	8	1492.4	0.0	1492.7	1492.3	8	0.3	0.4	0.3	9	4.18	0.04	4.24	4.12	9	-0.05	-0.04	-0.06		

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	29	1534.5	0.4	1535.6	1533.9	0	0.0	0.0	0.0	29	24.06	0.17	24.53	23.82	0	0.00	0.00	0.00
10.	29	1534.5	0.2	1534.9	1534.1	29	0.1	3.0	-3.0	29	24.01	0.10	24.15	23.83	29	-0.14	0.09	-1.16
20.	29	1534.7	0.1	1535.0	1534.3	26	0.2	3.0	0.3	29	24.00	0.08	24.13	23.86	26	-0.14	0.06	-0.30
30.	29	1534.8	0.1	1535.1	1534.4	28	0.3	3.0	1.5	29	23.98	0.08	24.10	23.83	29	0.04	0.30	0.15
50.	29	1535.2	0.1	1535.6	1534.8	28	0.5	1.5	1.0	29	24.00	0.08	24.14	23.87	29	-0.02	0.30	-0.30
75.	29	1535.5	0.0	1535.9	1535.2	27	0.2	1.0	-0.8	29	23.97	0.09	24.14	23.86	28	-0.04	-0.38	-0.49
100.	29	1535.7	0.2	1536.2	1534.9	29	0.3	1.0	-1.0	29	23.88	0.11	24.06	23.47	29	-0.12	-0.06	-0.41
125.	29	1535.8	0.2	1536.2	1535.1	29	0.1	0.6	-0.4	29	23.72	0.10	23.86	23.47	29	-0.20	-0.06	-0.45
150.	29	1535.1	0.6	1536.0	1533.7	29	-3.0	-0.4	-5.5	29	23.66	0.23	23.64	22.69	29	-1.41	-0.42	-2.32
200.	29	1530.4	1.4	1532.9	1527.2	27	-2.6	-0.6	-4.2	29	21.12	0.52	22.12	19.97	29	-1.23	-0.37	-1.89
250.	29	1526.4	1.3	1529.2	1524.4	29	-2.4	-0.9	-3.6	29	19.39	0.46	20.41	18.72	29	-1.05	-0.48	-1.54
300.	29	1523.8	1.2	1527.0	1522.1	25	-0.8	0.4	-4.4	29	18.23	0.41	19.35	17.61	28	-0.41	-0.02	-1.69
400.	28	1520.8	0.4	1521.6	1520.0	24	-1.3	-1.0	-1.9	28	16.72	0.15	16.98	16.46	28	-0.55	-0.43	-0.73
500.	28	1515.5	0.6	1516.7	1514.6	26	-2.0	-1.4	-2.5	28	14.60	0.20	14.96	14.34	28	-0.76	-0.58	-0.63
600.	27	1509.2	0.7	1510.7	1508.1	26	-1.8	-1.3	-2.6	28	12.32	0.21	12.72	12.01	28	-0.65	-0.54	-0.89
700.	27	1503.5	0.6	1504.6	1502.3	27	-1.7	-1.5	-2.4	28	10.31	0.18	10.60	9.99	28	-0.61	-0.54	-0.79
800.	25	1458.1	0.9	1499.5	1496.4	20	-1.7	-1.3	-2.0	28	8.46	0.23	8.83	8.01	27	-0.58	-0.48	-0.66
900.	25	1493.5	1.2	1495.8	1491.4	25	-1.4	-1.1	-1.7	28	6.85	0.30	7.44	6.34	28	-0.49	-0.42	-0.55
1000.	25	1490.7	1.0	1492.7	1489.0	19	-0.6	-0.2	-0.9	28	5.76	0.25	6.25	5.34	28	-0.26	-0.17	-0.35
1100.	25	1489.5	0.5	1490.5	1488.5	25	-0.4	-0.1	-0.7	28	5.05	0.13	5.31	4.82	28	-0.21	-0.14	-0.29
1200.	23	1489.4	0.5	1490.5	1488.5	20	0.2	0.3	0.1	28	4.64	0.11	4.90	4.41	28	-0.08	-0.05	-0.13
1300.	23	1490.1	0.5	1490.9	1489.0	23	0.2	0.3	0.1	28	4.41	0.13	4.60	4.15	28	-0.07	-0.05	-0.10
1400.	23	1491.0	0.4	1491.5	1490.2	23	0.3	0.4	0.1	28	4.22	0.09	4.34	4.04	28	-0.06	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT							
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	288	1534.5	0.5	0.5	1537.8	1532.4	0	0.0	0.0	0.0	291	24.11	0.30	0.30	25.52	23.30	0	0.00	0.00	0.00
10.	291	1534.6	0.4	0.4	1537.6	1533.5	288	0.3	4.3	-7.3	294	24.09	0.22	0.22	25.23	23.63	294	-0.05	3.72	-3.32
20.	312	1534.7	0.3	0.3	1537.5	1533.7	265	0.3	3.7	-4.0	314	24.06	0.18	0.18	25.11	23.64	271	-0.07	1.23	-1.89
30.	312	1534.9	0.4	0.4	1537.5	1534.0	305	0.4	1.5	-2.1	314	24.04	0.17	0.17	25.08	23.66	311	-0.06	0.43	-1.07
50.	314	1535.2	0.3	0.3	1537.7	1534.3	305	0.6	3.0	-0.8	315	24.04	0.16	0.16	25.03	23.66	308	0.03	2.59	-0.56
75.	314	1535.7	0.0	0.0	1538.0	1534.6	278	0.6	3.0	-0.6	315	24.04	0.15	0.15	24.97	23.64	282	0.00	0.30	-0.55
100.	314	1536.1	0.0	0.0	1538.0	1535.0	310	0.5	3.0	-3.0	315	24.03	0.14	0.14	24.80	23.62	313	-0.01	0.21	-1.37
125.	314	1536.5	0.0	0.0	1537.7	1533.0	284	0.5	1.3	-2.8	315	24.00	0.17	0.17	24.50	22.63	289	-0.04	0.30	-1.34
150.	314	1536.7	0.2	0.2	1537.8	1530.6	309	0.2	6.1	-5.5	315	23.92	0.27	0.27	24.32	21.52	315	-0.17	2.13	-2.64
200.	307	1532.0	2.4	1.5	1538.4	1525.3	300	-4.6	0.8	-25.0	309	21.74	0.92	0.92	24.24	19.19	306	-1.96	0.11	-9.39
250.	294	1525.9	1.5	1.5	1536.0	1522.6	282	-2.9	-0.1	-6.1	296	19.21	0.56	0.56	22.98	18.10	294	-1.21	0.24	-2.38
300.	267	1523.7	0.7	0.7	1531.7	1521.8	252	-1.3	0.1	-3.6	269	18.19	0.32	0.32	21.01	17.54	264	-0.61	1.88	-3.33
400.	246	1519.6	1.1	1.1	1526.7	1516.8	223	-1.3	-0.1	-2.2	247	16.36	0.39	0.39	18.65	15.10	231	-0.57	0.19	-0.87
500.	237	1514.2	1.4	1.4	1521.9	1511.2	223	-1.7	-1.1	-3.7	240	14.22	0.44	0.44	16.55	13.36	229	-0.66	-0.47	-1.24
600.	203	1506.1	1.5	1.5	1517.5	1505.3	189	-1.8	-0.9	-2.7	205	12.04	0.45	0.45	14.70	11.26	203	-0.66	-0.19	-1.57
700.	195	1503.2	1.3	1.3	1512.8	1500.6	184	-1.4	-0.5	-2.9	197	10.25	0.37	0.37	12.86	9.57	195	-0.54	-0.28	-1.27
800.	192	1499.6	1.3	1.3	1507.8	1495.7	176	-1.0	-0.1	-2.3	194	8.85	0.36	0.36	11.04	7.83	192	-0.41	-0.12	-0.72
900.	188	1494.9	1.7	1.7	1504.7	1489.9	177	-1.4	-0.2	-3.0	191	7.23	0.45	0.45	9.77	5.99	190	-0.49	-0.19	-0.87
1000.	187	1491.7	1.6	1.6	1502.0	1488.9	185	-1.0	-0.1	-1.4	190	6.02	0.43	0.43	8.63	5.31	189	-0.37	-0.15	-0.48
1100.	182	1490.5	1.3	1.3	1499.6	1488.2	165	-0.3	0.2	-0.9	188	5.32	0.36	0.36	7.58	4.74	176	-0.20	0.36	-0.34
1200.	176	1490.3	1.1	1.1	1497.5	1487.5	170	-0.1	0.5	-0.6	184	4.87	0.30	0.30	6.63	4.19	181	-0.14	-0.00	-0.29
1300.	163	1491.0	0.8	0.8	1495.7	1488.6	160	0.2	0.4	-0.5	174	4.62	0.24	0.24	5.77	4.05	174	-0.08	-0.02	-0.26
1400.	138	1491.8	0.3	0.3	1494.3	1490.4	121	0.2	0.5	-0.3	150	4.42	0.17	0.17	5.03	3.95	134	-0.07	0.13	-0.78
1500.	119	1492.7	0.1	0.1	1494.0	1491.5	115	0.3	0.5	-0.2	130	4.23	0.12	0.12	4.53	3.95	126	-0.06	-0.00	-0.17
1750.	1	1494.8	0.0	0.0	1494.8	1494.8	1	0.3	0.3	0.3	1	3.74	0.00	0.00	3.74	3.74	1	-0.05	-0.05	-0.05

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 5

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	66	1538.4	0.9	1540.5	1536.6	0	0.0	0.0	0.0	66	25.80	0.42	26.74	25.05	0	0.00	0.00	0.00		
10.	66	1537.9	0.6	1539.7	1536.3	66	-1.4	0.9	-4.3	66	25.52	0.34	26.32	24.83	66	-0.84	0.18	-2.13		
20.	66	1537.5	0.5	1539.0	1536.1	66	-1.2	0.9	-3.4	66	25.28	0.30	26.00	24.66	66	-0.74	0.18	-1.74		
30.	66	1537.2	0.4	1539.1	1536.0	66	-0.9	0.9	-2.7	66	25.07	0.29	25.90	24.57	66	-0.64	0.18	-1.37		
50.	66	1537.0	0.5	1539.2	1535.9	65	-0.2	4.6	-3.0	66	24.79	0.28	25.57	24.31	66	-0.36	1.37	-1.52		
75.	66	1536.8	0.7	1539.5	1535.4	66	-0.2	1.8	-2.3	66	24.50	0.32	25.45	23.88	66	-0.35	0.35	-1.34		
100.	66	1536.6	0.6	1538.6	1534.1	66	-0.3	1.8	-3.8	66	24.21	0.30	24.97	23.15	66	-0.36	0.45	-1.68		
125.	66	1536.6	1.0	1538.4	1533.5	66	-0.1	0.7	-3.3	66	24.00	0.41	24.69	22.91	66	-0.27	0.02	-1.56		
150.	66	1536.3	1.4	1537.7	1532.0	66	-0.4	0.6	-6.1	66	23.70	0.56	24.22	22.08	66	-0.38	0.01	-1.33		
200.	66	1531.7	2.0	1535.2	1527.9	66	-3.9	-1.5	-8.3	66	21.60	0.76	22.91	20.19	66	-1.57	-0.84	-3.21		
250.	66	1525.8	0.9	1528.0	1524.2	66	-2.9	-1.6	-5.2	66	19.19	0.35	19.32	18.64	66	-1.19	-0.30	-2.05		
300.	66	1523.7	0.4	1524.7	1522.5	65	-1.2	-0.5	-2.1	66	18.17	0.19	18.56	17.80	66	-0.59	-0.30	-0.89		
400.	66	1520.6	0.7	1523.3	1518.2	66	-0.9	-0.1	-1.7	66	16.66	0.26	17.20	15.86	66	-0.46	-0.20	-0.71		
500.	65	1515.6	0.8	1517.8	1513.2	65	-1.6	-1.2	-2.2	65	14.63	0.27	15.28	13.88	65	-0.64	-0.55	-0.81		
600.	65	1508.2	1.1	1511.0	1505.6	62	-2.3	-1.8	-3.5	65	12.06	0.33	12.92	11.34	63	-0.80	-0.66	-1.15		
700.	65	1502.6	1.0	1505.1	1500.6	65	-1.7	-1.1	-2.4	65	10.07	0.29	10.74	9.55	65	-0.60	-0.44	-0.60		
800.	64	1498.2	0.9	1500.1	1495.8	64	-1.2	-0.3	-2.3	65	8.49	0.26	8.99	7.88	65	-0.44	-0.21	-0.72		
900.	64	1492.6	0.6	1494.3	1491.2	64	-1.7	-1.0	-2.0	65	6.63	0.19	7.09	6.29	65	-0.57	-0.39	-0.65		
1000.	62	1488.6	0.7	1490.8	1487.7	62	-1.2	-0.4	-1.4	62	5.26	0.19	5.79	5.02	62	-0.41	-0.12	-0.47		
1100.	60	1488.4	0.4	1490.8	1487.7	59	-0.0	0.1	-0.2	60	4.81	0.14	5.37	4.62	60	-0.13	-0.09	-0.18		
1200.	60	1488.6	0.3	1490.7	1487.8	60	0.0	0.2	-0.1	60	4.44	0.12	4.95	4.27	60	-0.11	-0.06	-0.15		
1300.	60	1489.0	0.3	1490.7	1488.3	60	0.1	0.2	0.0	60	4.15	0.12	4.54	3.98	60	-0.09	-0.06	-0.12		
1400.	57	1490.2	0.2	1491.3	1489.0	57	0.4	0.4	-0.1	59	4.03	0.08	4.29	3.75	59	-0.03	-0.02	-0.14		
1500.	55	1491.4	0.0	1492.0	1490.9	55	0.4	0.5	0.2	57	3.93	0.06	4.07	3.82	57	-0.03	-0.02	-0.09		
1750.	52	1494.7	0.0	1495.1	1494.2	52	0.4	0.5	0.4	54	3.71	0.05	3.80	3.60	54	-0.03	-0.02	-0.04		

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 7

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	12	1544.2	1.1	1545.4	1541.8	0	0.0	0.0	0.0	12	28.52	0.51	29.02	27.40	0	0.00	0.00	0.00		
10.	12	1544.1	0.9	1545.1	1541.9	12	-0.6	0.3	-1.5	12	28.36	0.42	28.83	27.39	12	-0.50	-0.03	-1.01		
20.	12	1543.7	0.7	1544.7	1542.0	12	-2.0	-1.2	-3.0	12	28.10	0.37	28.57	27.36	12	-1.34	-0.61	-2.74		
30.	12	1542.9	0.7	1544.2	1541.7	11	-2.3	-0.6	-4.9	12	27.65	0.37	28.24	27.09	11	-1.29	-0.58	-2.34		
50.	12	1541.2	0.8	1542.6	1539.7	12	-2.8	-1.0	-6.1	12	26.75	0.40	27.33	26.06	12	-1.54	-0.71	-2.44		
75.	12	1539.1	0.6	1540.0	1537.9	12	-2.3	-0.8	-4.6	12	25.58	0.29	26.04	25.07	12	-1.29	-0.51	-2.27		
100.	12	1537.6	1.5	1539.7	1535.1	12	-0.7	0.6	-3.0	12	24.69	0.63	25.66	23.70	12	-0.68	-0.10	-1.57		
125.	12	1536.8	2.1	1539.5	1533.3	12	-0.9	0.1	-2.6	12	24.16	0.84	25.30	22.80	12	-0.64	-0.30	-1.22		
150.	12	1535.4	2.3	1538.1	1531.6	12	-2.4	-0.9	-5.5	12	23.40	0.90	24.49	21.95	12	-1.23	-0.70	-2.45		
200.	11	1530.0	1.7	1532.5	1528.2	11	-4.1	-1.5	-6.9	11	20.98	0.61	21.89	20.31	11	-1.70	-0.61	-2.93		
250.	11	1525.7	0.8	1527.2	1524.3	11	-1.6	-1.0	-2.9	11	19.13	0.30	19.68	18.65	11	-0.74	-0.41	-1.21		
300.	11	1523.4	0.5	1524.4	1522.9	11	-1.1	-0.6	-1.5	11	18.10	0.18	18.45	17.93	11	-0.48	-0.37	-0.64		
400.	11	1520.3	1.0	1523.1	1519.5	10	-1.3	-0.1	-2.0	11	16.57	0.31	17.45	16.33	10	-0.56	-0.20	-0.81		
500.	11	1515.4	1.8	1520.4	1513.8	11	-1.7	-0.6	-2.2	11	14.59	0.54	16.08	14.10	11	-0.66	-0.34	-0.82		
600.	11	1509.1	2.4	1515.1	1506.4	11	-2.0	-1.3	-2.5	11	12.31	0.68	14.00	11.54	11	-0.71	-0.1	-0.85		
700.	11	1502.9	2.0	1507.2	1499.5	11	-1.8	-1.0	-2.4	11	10.17	0.56	11.37	9.24	11	-0.63	-0.1	-0.80		
800.	11	1496.9	2.4	1500.3	1493.2	10	-1.8	-1.2	-2.6	11	8.16	0.63	9.12	7.22	11	-0.61	-0.49	-0.83		
900.	11	1492.2	2.5	1495.8	1488.2	10	-1.3	-1.0	-1.7	11	6.55	0.63	7.40	5.54	10	-0.45	-0.37	-0.55		
1000.	11	1489.6	1.8	1492.7	1487.0	10	-0.5	0.2	-1.3	11	5.51	0.43	6.24	4.85	11	-0.22	-0.04	-0.45		
1100.	11	1489.4	1.4	1491.4	1487.4	10	-0.1	0.2	-0.6	11	5.04	0.34	5.53	4.56	10	-0.13	-0.08	-0.27		
1200.	11	1489.7	1.1	1491.9	1488.4	10	0.1	0.4	-0.3	11	4.72	0.27	5.24	4.39	11	-0.08	-0.01	-0.13		
1300.	9	1490.6	0.9	1492.3	1489.8	8	0.2	0.6	0.1	10	4.50	0.22	4.96	4.31	10	-0.07	-0.02	-0.13		
1400.	8	1491.5	0.7	1492.8	1490.8	8	0.3	0.4	0.2	9	4.32	0.17	4.67	4.18	9	-0.06	-0.04	-0.09		
1500.	6	1492.3	0.5	1493.3	1491.9	6	0.3	0.4	0.2	6	4.14	0.13	4.59	4.04	6	-0.06	-0.04	-0.09		
1750.	2	1495.4	0.1	1495.4	1495.3	2	0.4	0.4	0.4	2	3.87	0.03	3.89	3.85	2	-0.03	-0.03	-0.04		
2000.	1	1498.4	0.0	1498.4	1498.4	1	0.4	0.4	0.4	1	3.60	0.00	3.60	3.60	1	-0.03	-0.03	-0.03		

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 8

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	41	1546.5	0.7	1546.3	1545.3	0.0	0	0.0	0.0	0.0	42	29.53	0.33	30.30	28.92	0	0	0.00	0.00	0.00
10.	41	1546.0	0.4	1547.3	1545.2	-4.9	41	-1.5	0.6	-4.9	42	29.21	0.24	29.73	28.67	42	-0.98	0.06	-2.44	
20.	41	1545.8	0.4	1547.5	1545.0	-2.4	41	-0.7	0.6	-2.4	42	29.02	0.19	29.76	28.77	42	-0.56	0.09	-1.37	
30.	41	1545.8	0.4	1547.6	1545.0	0.9	40	-0.3	0.9	-3.0	42	28.93	0.20	29.74	28.58	42	-0.33	0.12	-2.13	
50.	41	1543.7	1.6	1544.6	1541.2	-9.1	41	-3.3	1.2	-9.1	42	27.95	0.70	29.05	26.78	42	-1.75	0.18	-4.42	
75.	41	1540.2	0.9	1541.9	1537.7	-8.1	41	-4.4	-1.3	-8.1	42	26.06	0.43	26.84	25.04	42	-2.20	-0.88	-3.84	
100.	41	1537.6	1.2	1540.1	1535.4	-4.6	41	-2.8	0.4	-4.6	42	24.73	0.52	25.83	23.83	42	-1.44	-0.17	-2.29	
125.	40	1535.8	1.7	1539.7	1533.2	-0.4	41	-2.1	-0.4	-4.4	42	23.77	0.69	25.56	22.73	42	-1.16	-0.41	-2.10	
150.	41	1533.9	1.9	1538.0	1531.1	-1.5	41	-2.5	-1.5	-4.1	42	22.82	0.72	24.42	21.73	42	-1.16	-0.76	-1.71	
200.	33	1529.7	1.0	1531.3	1527.5	-5.7	32	-2.8	-1.4	-5.7	35	20.93	0.47	22.60	20.06	35	-1.22	-0.32	-1.76	
250.	13	1525.7	1.3	1527.8	1523.9	-1.0	13	-2.1	-1.0	-3.7	15	19.40	0.97	22.50	18.53	15	-0.86	-0.02	-1.48	
300.	13	1523.6	1.0	1525.9	1522.2	-3.0	12	-1.2	-0.3	-3.0	14	18.17	0.36	18.94	17.70	13	-0.50	-0.30	-0.64	
350.	13	1520.1	0.9	1521.7	1518.6	-2.5	10	-1.1	0.6	-2.5	13	16.52	0.30	17.03	16.01	11	-0.51	-0.43	-0.89	
500.	13	1514.3	1.8	1517.3	1512.1	-1.5	11	-2.0	-1.5	-2.4	13	14.27	0.35	15.15	13.63	12	-0.77	-0.63	-0.88	
600.	13	1508.0	1.7	1510.9	1506.2	-1.9	11	-1.9	-1.5	-2.1	13	12.01	0.48	12.81	11.48	13	-0.68	-0.59	-0.74	
700.	13	1502.3	1.3	1504.6	1501.1	-1.5	11	-1.5	-1.1	-2.0	13	10.01	0.6	10.53	9.46	11	-0.59	-0.43	-0.69	
800.	11	1497.3	0.9	1499.1	1496.5	-1.3	10	-1.7	-1.3	-2.2	12	8.28	0.25	8.76	8.05	12	-0.53	-0.30	-0.72	
900.	10	1492.0	1.2	1494.5	1491.1	-1.4	10	-1.4	-1.1	-1.7	11	6.67	0.33	7.18	6.29	11	-0.49	-0.40	-0.61	
1000.	9	1491.0	0.8	1491.1	1489.0	-0.2	8	-0.1	0.2	-0.5	9	5.05	0.25	5.58	4.81	9	-0.28	-0.14	-0.42	
1100.	8	1489.3	0.9	1491.5	1488.4	0.3	8	0.2	0.3	0.1	8	4.70	0.23	5.25	4.58	8	-0.09	-0.36	-0.13	
1200.	8	1489.6	0.9	1492.1	1490.0	0.1	5	0.2	0.3	0.1	6	4.51	0.21	4.93	4.39	6	-0.07	-0.35	-0.10	
1300.	6	1490.5	0.8	1492.1	1490.0	0.1	3	0.4	0.6	0.1	4	4.35	0.16	4.60	4.17	4	-0.05	-0.33	-0.12	
1400.	3	1491.7	0.7	1492.5	1491.3	0.3	2	0.3	0.3	0.3	2	4.18	0.01	4.18	4.17	2	-0.05	-0.33	-0.06	
1500.	2	1492.5	0.1	1492.5	1492.4	0.2	1	0.2	0.2	0.2	1	3.63	0.00	3.63	3.63	1	-0.07	-0.37	-0.07	
1750.	1	1494.3	0.0	1494.3	1494.3	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	
2000.	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	31	1546.0	0.4	1547.7	1545.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	31	1546.0	0.2	1546.7	1545.6	31	-0.1	0.9	-4.3	-0.0	31	-0.28	0.12	-2.53
20.	31	1546.1	0.1	1546.4	1545.8	31	0.1	1.5	-1.2	-0.6	31	-0.21	0.06	-0.82
30.	31	1546.1	0.0	1546.4	1545.8	30	0.1	0.6	-0.6	-0.6	30	-0.17	0.06	-0.45
40.	31	1545.7	0.7	1546.6	1544.2	31	-0.6	0.5	-2.7	-9.8	31	-0.52	-0.02	-1.43
75.	31	1543.1	1.3	1546.1	1541.1	31	-4.4	-0.2	-9.8	-7.1	31	-2.18	-0.19	-4.51
100.	31	1540.2	0.5	1541.8	1539.4	31	-3.5	-1.2	-7.1	-3.7	31	-1.81	-0.52	-3.33
125.	31	1539.1	0.3	1539.6	1538.3	31	-1.0	-0.6	-3.7	-6.1	31	-0.73	-0.12	-1.59
150.	31	1537.5	0.7	1538.7	1535.6	31	-2.5	-0.3	-6.1	-6.4	31	-1.30	-0.21	-2.74
200.	31	1530.4	0.9	1532.2	1528.7	31	-5.1	-3.5	-6.4	-3.4	31	-2.12	-1.21	-2.71
250.	31	1525.2	0.3	1525.9	1524.7	26	-2.2	-0.9	-3.4	-3.4	31	-0.92	-0.47	-1.36
300.	31	1523.7	0.3	1524.3	1523.1	30	-0.7	-0.2	-1.1	-1.1	31	-0.41	-0.21	-0.56
400.	30	1521.5	0.3	1522.3	1520.8	30	-0.6	-0.4	-1.0	-1.0	31	-0.36	-0.27	-0.47
500.	8	1517.7	0.5	1518.6	1516.9	6	-1.4	-1.1	-1.9	-1.9	8	-0.58	-0.42	-0.74
600.	8	1511.5	1.2	1513.7	1509.7	6	-1.9	-1.3	-2.4	-2.4	8	-0.64	-0.49	-0.84
700.	3	1504.5	0.9	1506.2	1503.3	8	-2.1	-1.7	-2.4	-1.9	8	-0.70	-0.59	-0.79
800.	3	1499.7	0.5	1500.1	1498.3	7	-1.6	-1.3	-1.9	-2.3	8	-0.55	-0.48	-0.61
900.	3	1493.0	0.7	1496.2	1491.6	6	-1.9	-1.8	-2.3	-2.3	8	-0.62	-0.58	-0.70
1000.	8	1489.8	0.3	1490.3	1489.2	7	-0.9	-0.5	-1.2	-1.2	8	-0.34	-0.24	-0.43
1100.	8	1488.9	0.2	1489.2	1488.6	7	0.1	0.2	0.0	0.0	8	-0.19	-0.16	-0.22
1200.	8	1489.2	0.3	1489.6	1488.8	8	0.3	0.4	0.3	0.3	8	-0.09	-0.07	-0.12
1300.	8	1490.2	0.3	1490.6	1489.8	8	0.3	0.4	0.3	0.3	8	-0.04	-0.03	-0.05
1400.	8	1491.2	0.2	1491.6	1490.8	7	0.3	0.4	0.2	0.2	8	-0.05	-0.03	-0.08
1500.	5	1492.2	0.3	1492.5	1491.8	5	0.3	0.3	0.2	0.2	5	-0.06	-0.05	-0.07

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1543.6	0.7	1544.6	1542.7	0.0	0	0.0	0.0	0.0	9	28.31	0.25	28.73	27.94	0	0.00	0.00
10.	10	1543.9	0.6	1544.7	1542.9	0.3	9	0.3	1.8	-3.0	10	28.34	0.23	28.63	27.94	10	0.04	-0.61
20.	10	1544.1	0.7	1544.8	1543.0	0.4	10	0.4	2.1	0.3	10	28.33	0.26	28.63	27.91	10	0.06	0.46
30.	10	1544.2	0.6	1544.9	1543.2	0.8	10	0.8	3.0	-1.8	10	28.30	0.22	28.59	27.96	10	-0.07	-0.30
50.	10	1544.4	0.8	1545.3	1542.8	1.5	9	-0.0	1.5	-3.0	10	28.21	0.34	28.59	27.45	10	-0.35	-1.52
75.	10	1543.0	1.0	1544.0	1540.9	-5.1	10	-3.2	-2.0	-5.1	10	27.28	0.46	27.72	26.33	10	-1.77	-1.52
100.	10	1540.3	0.8	1541.5	1538.9	-5.3	10	-3.3	-2.6	-5.3	10	25.81	0.40	26.36	25.17	10	-1.87	-2.74
125.	10	1537.4	1.0	1539.0	1535.6	-5.1	10	-3.5	-2.4	-5.1	10	24.35	0.43	25.02	23.59	10	-1.76	-2.49
150.	10	1534.1	1.4	1536.3	1531.8	-6.5	10	-4.4	-3.0	-6.5	10	22.85	0.57	23.72	21.92	10	-1.98	-2.57
200.	10	1527.7	1.8	1531.0	1524.8	-4.8	10	-2.5	-1.0	-4.8	10	20.14	0.67	21.36	19.11	10	-1.03	-1.96
250.	10	1525.0	1.5	1528.4	1523.3	-2.1	10	-1.6	-0.9	-2.1	10	18.91	0.52	20.10	18.31	10	-0.75	-0.94
300.	10	1523.0	1.0	1525.6	1521.9	-1.6	9	-0.6	-0.2	-1.6	10	17.94	0.35	18.84	17.57	9	-0.38	-0.73
400.	9	1519.4	0.6	1520.3	1518.4	-3.0	8	-1.8	-1.0	-3.0	9	16.31	0.20	16.58	15.99	9	-0.67	-0.54
500.	9	1513.3	0.8	1514.0	1511.8	-3.0	9	-2.0	-1.2	-3.0	9	13.97	0.23	14.18	13.54	9	-0.73	-0.91
600.	9	1507.1	0.6	1507.9	1506.1	-3.0	8	-2.0	-1.5	-3.0	9	11.75	0.17	11.96	11.48	9	-0.65	-0.77
700.	9	1501.9	0.3	1502.4	1501.5	-1.8	9	-1.6	-1.1	-1.8	9	9.90	0.09	10.03	9.79	9	-0.56	-0.63
800.	9	1497.2	0.8	1498.8	1496.3	-1.9	8	-1.5	-0.9	-1.9	9	8.24	0.22	8.65	8.00	9	-0.52	-0.62
900.	9	1493.0	1.2	1495.3	1491.9	-1.5	9	-1.2	-0.9	-1.5	9	6.76	0.31	7.34	6.48	9	-0.45	-0.50
1000.	6	1490.6	1.1	1492.0	1489.2	-0.6	6	-0.5	-0.3	-1.0	6	5.75	0.27	6.09	5.41	6	-0.22	-0.38
1100.	5	1489.6	0.3	1490.1	1489.3	0.1	5	-0.2	0.1	-0.6	5	5.11	0.07	5.21	5.03	5	-0.18	-0.28
1200.	4	1489.9	0.3	1490.1	1489.5	0.1	2	0.1	0.1	0.1	4	4.76	0.06	4.81	4.67	3	-0.09	-0.11
1300.	4	1490.5	0.4	1491.0	1490.1	0.3	4	0.2	0.3	0.2	4	4.51	0.08	4.61	4.41	4	-0.08	-0.09
1400.	4	1491.4	0.5	1492.0	1491.0	0.3	4	0.2	0.3	0.3	4	4.32	0.10	4.44	4.22	4	-0.04	-0.05
1500.	3	1492.3	0.6	1492.9	1491.7	0.4	2	0.3	0.4	0.2	3	4.14	0.13	4.27	4.01	3	-0.05	-0.07
1750.	1	1495.6	0.0	1495.6	1495.6	0.4	1	0.4	0.4	0.4	1	3.93	0.00	3.93	3.93	1	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1538.8	0.9	1541.7	1538.4	0	0.0	0.0	0.0	13	25.95	0.38	27.22	25.76	0	0.00	0.00	0.00
10.	13	1539.0	0.9	1541.9	1538.6	13	0.5	0.9	0.3	13	25.95	0.39	27.24	25.79	13	0.02	0.12	-0.03
20.	13	1539.1	0.9	1542.0	1538.8	13	0.5	0.6	0.6	13	25.96	0.38	27.22	25.81	13	0.03	0.12	-0.12
30.	13	1539.3	0.9	1542.2	1539.0	13	0.6	0.9	0.3	13	25.97	0.38	27.22	25.81	13	0.03	0.09	-0.05
50.	13	1539.7	0.8	1542.5	1539.3	13	0.5	0.6	0.5	13	25.98	0.38	27.23	25.82	13	0.01	0.03	-0.03
75.	13	1540.0	0.8	1542.9	1539.6	12	0.3	0.6	0.4	13	25.94	0.39	27.23	25.78	13	-0.01	0.12	-0.12
100.	13	1540.4	0.9	1543.3	1539.8	11	0.5	0.8	0.4	13	25.95	0.38	27.21	25.69	12	2.22	26.44	-0.20
125.	13	1539.1	0.5	1540.2	1538.4	13	-3.0	-1.8	-5.2	13	25.11	0.22	25.52	24.81	13	-1.63	-1.16	-2.59
150.	13	1537.0	0.3	1537.7	1536.4	13	-2.4	-1.2	-4.3	13	24.02	0.13	24.31	23.80	13	-1.24	-0.07	-1.98
200.	13	1530.5	0.4	1531.2	1529.7	12	-3.8	-2.6	-5.8	13	21.15	0.18	21.43	20.87	13	-1.65	-1.17	-2.36
250.	13	1525.2	0.5	1526.7	1524.3	12	-2.4	-1.5	-2.9	13	18.97	0.20	19.49	18.66	13	-1.01	-0.68	-1.21
300.	13	1523.4	0.2	1524.0	1523.0	13	-1.1	-0.8	-1.6	13	18.06	0.09	19.27	17.93	13	-0.55	-0.45	-0.74
400.	12	1521.4	0.7	1522.1	1519.7	12	-0.8	-0.5	-1.3	13	16.93	0.21	17.14	16.38	13	-0.41	-0.30	-0.58
500.	6	1515.8	0.5	1516.7	1515.2	6	-2.0	-1.6	-3.0	6	14.70	0.15	14.95	14.51	6	-0.73	-0.63	-0.91
600.	6	1508.9	0.7	1509.5	1507.5	6	-2.3	-1.9	-3.0	6	12.24	0.21	12.42	11.84	6	-0.73	-0.61	-0.61
700.	6	1503.0	0.7	1503.6	1501.6	6	-1.8	-1.7	-1.9	6	10.19	0.19	10.35	9.81	6	-0.63	-0.59	-0.66
800.	6	1497.7	0.6	1498.3	1496.5	6	-1.6	-1.5	-1.7	6	8.36	0.17	8.51	8.04	6	-0.57	-0.54	-0.61
900.	6	1492.5	0.6	1493.4	1491.6	6	-1.6	-1.4	-1.8	6	6.61	0.14	6.83	6.39	6	-0.53	-0.49	-0.57
1000.	6	1489.2	0.6	1490.3	1488.6	6	-1.0	-0.9	-1.1	6	5.39	0.14	5.67	5.26	6	-0.35	-0.20	-0.39
1100.	6	1488.9	0.3	1489.5	1488.6	6	-0.1	-0.0	-0.2	6	4.93	0.08	5.07	4.86	6	-0.14	-0.12	-0.14
1200.	6	1489.1	0.1	1489.3	1488.9	6	0.1	0.1	0.1	6	4.57	0.03	4.62	4.53	6	-0.11	-0.10	-0.15
1300.	6	1489.9	0.1	1490.0	1489.8	6	0.2	0.3	0.2	6	4.36	0.02	4.39	4.33	6	-0.06	-0.05	-0.09
1400.	6	1490.9	0.0	1491.0	1490.8	6	0.3	0.3	0.3	6	4.19	0.02	4.22	4.18	6	-0.05	-0.05	-0.05
1500.	5	1492.0	0.0	1492.1	1491.9	5	0.3	0.4	0.3	5	4.06	0.02	4.08	4.04	5	-0.04	-0.04	-0.05
1750.	5	1495.3	0.0	1495.3	1495.1	5	0.4	0.4	0.4	5	3.84	0.02	3.85	3.81	5	-0.03	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 30 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	49	1538.5	0.3	1539.7	1538.0	0	0.0	0.0	0.0	49	25.77	0.17	26.22	25.59	0	0.00	0.00	0.00
10.	49	1538.7	0.1	1539.7	1538.2	49	0.6	1.2	0.3	49	25.78	0.15	26.15	25.61	49	0.04	0.27	-0.21
20.	49	1538.9	0.1	1539.7	1538.4	49	0.5	1.2	0.3	49	25.79	0.13	26.08	25.63	49	-0.00	0.18	-0.24
30.	49	1539.0	0.1	1539.8	1538.6	49	0.5	0.9	0.3	49	25.78	0.12	26.07	25.64	49	-0.01	0.18	-0.21
40.	49	1539.3	0.2	1540.1	1538.9	45	0.5	1.4	0.2	49	25.78	0.11	26.04	25.60	49	-0.02	0.30	-0.20
50.	49	1539.6	0.1	1540.4	1539.2	48	0.4	1.2	-1.2	49	25.73	0.11	26.01	25.52	49	-0.02	0.30	-0.61
75.	49	1539.7	0.5	1540.7	1537.8	49	-0.5	1.2	-9.1	49	25.56	0.28	25.98	24.71	49	-0.46	0.28	-4.57
100.	49	1539.7	0.5	1540.7	1537.8	49	-0.5	1.2	-9.1	49	25.56	0.28	25.98	24.71	49	-0.46	0.28	-4.57
125.	48	1537.6	1.0	1539.8	1535.8	48	-2.9	-0.6	-1.2	48	24.47	0.45	25.41	23.75	48	-1.44	-0.30	-4.47
150.	48	1534.5	1.6	1538.2	1531.5	45	-4.7	-1.2	-7.9	48	23.02	0.65	24.42	21.86	48	-1.99	-0.73	-3.11
200.	47	1527.8	1.2	1531.6	1525.8	46	-3.5	-1.5	-6.2	47	20.16	0.43	21.36	19.48	46	-1.47	-0.75	-2.51
250.	42	1524.2	0.4	1525.4	1523.4	41	-1.5	-0.5	-3.2	42	18.62	0.18	19.02	18.34	42	-0.68	-0.36	-1.29
300.	40	1522.8	0.0	1523.5	1522.2	38	-0.9	-0.5	-1.4	40	17.89	0.10	18.11	17.67	39	-0.45	-0.34	-0.63
400.	39	1520.4	0.5	1521.9	1519.5	39	-0.8	-0.6	-1.3	39	16.60	0.15	17.06	16.33	39	-0.42	-0.34	-0.57
500.	4	1514.4	1.2	1515.8	1513.2	4	-1.8	-1.3	-2.3	4	14.28	0.36	14.71	13.95	4	-0.69	-0.54	-0.82
600.	4	1507.6	1.4	1509.7	1506.8	3	-2.1	-2.0	-2.4	4	11.88	0.40	12.48	11.65	4	-0.73	-0.68	-0.83
700.	3	1501.8	1.7	1503.7	1500.3	3	-1.8	-1.6	-2.0	3	9.87	0.47	10.38	9.46	3	-0.63	-0.57	-0.67
800.	3	1495.6	1.2	1497.0	1494.8	3	-1.9	-1.7	-2.0	3	7.81	0.31	8.17	7.61	3	-0.63	-0.56	-0.67
900.	3	1490.4	1.6	1492.2	1489.2	3	-1.6	-1.5	-1.8	3	6.10	0.39	6.54	5.80	3	-0.52	-0.50	-0.57
1000.	3	1488.2	1.7	1490.2	1487.2	3	-0.7	-0.6	-0.8	3	5.16	0.42	5.64	4.92	3	-0.29	-0.27	-0.31
1100.	3	1488.0	1.1	1489.2	1487.3	3	-0.1	0.1	-0.3	3	4.70	0.25	4.99	4.53	3	-0.14	-0.11	-0.20
1200.	3	1488.8	0.8	1489.7	1488.1	3	0.3	0.4	0.2	3	4.49	0.20	4.71	4.33	3	-0.06	-0.03	-0.09
1300.	3	1489.8	0.4	1490.3	1489.5	3	0.3	0.4	0.2	3	4.35	0.10	4.47	4.27	3	-0.04	-0.02	-0.07
1400.	3	1490.9	0.3	1491.2	1490.6	3	0.3	0.3	0.3	3	4.20	0.07	4.28	4.14	3	-0.05	-0.04	-0.05
1500.	3	1492.0	0.3	1492.3	1491.8	3	0.3	0.4	0.3	3	4.06	0.07	4.14	4.01	3	-0.04	-0.04	-0.05
1750.	2	1494.7	0.7	1495.2	1494.2	2	0.4	0.4	0.4	2	3.71	0.18	3.83	3.58	2	-0.03	-0.01	-0.04

SUMMARY FOR ONE DEGREE SQUARE 49 OF MARSDEN SQUARE 80 FOR MONTH 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	17	1542.7	0.6	1543.8	1540.9	0	0.0	0.0	0.0	17	27.85	0.30	28.40	27.06	0	0.00	0.00	0.00		
10.	17	1542.3	0.7	1543.4	1540.6	17	-1.3	0.6	-7.3	17	27.58	0.30	28.03	26.87	17	-0.85	-0.03	-3.84		
20.	17	1541.9	0.9	1543.1	1539.7	17	-1.3	0.6	-5.2	17	27.31	0.42	27.76	26.22	17	-0.84	-0.06	-2.87		
30.	17	1541.4	1.0	1543.1	1539.1	17	-1.4	0.6	-5.2	17	27.00	0.41	27.70	25.91	17	-0.93	-0.12	-2.83		
50.	17	1540.6	1.1	1542.7	1538.4	16	-1.2	0.6	-4.0	17	26.44	0.50	27.25	25.38	17	-0.92	-0.37	-2.74		
75.	17	1539.5	0.9	1541.0	1537.1	16	-1.2	0.4	-4.9	17	25.75	0.45	26.53	24.65	17	-0.75	-0.15	-2.28		
100.	17	1538.6	1.3	1540.8	1536.3	16	-1.3	1.3	-3.0	17	25.13	0.58	26.26	24.14	17	-0.79	0.09	-1.63		
125.	17	1536.6	1.7	1539.7	1534.3	16	-2.4	0.5	-4.9	17	24.09	0.76	25.54	23.14	17	-1.28	-0.13	-2.28		
150.	17	1534.1	2.0	1537.8	1530.9	16	-3.2	-1.3	-7.5	17	22.89	0.83	24.38	21.67	17	-1.60	-0.84	-3.26		
200.	17	1528.6	2.4	1532.7	1524.7	16	-3.1	-1.0	-5.5	17	20.48	0.87	21.98	19.08	17	-1.35	-0.61	-2.27		
250.	17	1524.9	1.9	1528.6	1521.9	16	-2.6	-0.9	-9.1	17	18.89	0.65	20.16	17.88	17	-1.03	-0.24	-3.35		
300.	15	1522.6	2.2	1527.0	1517.7	14	-1.5	0.1	-2.8	17	17.95	0.66	19.30	16.27	17	-0.62	-0.15	-1.05		
400.	13	1516.1	4.0	1522.1	1511.0	13	-2.0	-0.2	-3.9	13	15.30	1.21	17.11	13.78	13	-0.77	-0.04	-1.29		
500.	10	1508.1	4.7	1515.1	1501.0	9	-2.7	-1.5	-4.0	11	12.45	1.25	14.49	10.58	11	-0.88	-0.53	-1.31		
600.	10	1497.1	6.1	1510.3	1487.4	10	-3.6	-0.9	-7.8	11	9.15	1.52	12.63	6.65	11	-1.08	-0.36	-2.38		
700.	3	1490.4	1.6	1491.8	1488.7	3	-2.6	-0.5	-6.2	3	6.98	0.39	7.34	6.57	3	-0.80	-0.26	-1.70		
800.	2	1490.0	0.6	1490.4	1489.6	2	-0.3	-0.3	-0.3	2	6.48	0.13	6.57	6.38	2	-0.20	-0.19	-0.20		

SUMMARY FOR ONE DEGREE SQUARE 52 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1539.5	1.4	1542.0	1537.6	0	0.0	0.0	0.0	9	26.20	0.69	27.49	25.42	0	0.00	0.00	0.00
10.	8	1539.6	1.4	1541.9	1537.7	8	0.4	3.0	-0.3	9	26.18	0.66	27.35	25.41	9	-0.07	0.36	-0.43
20.	8	1539.7	1.4	1541.9	1537.9	8	0.4	0.6	0.6	9	26.17	0.66	27.29	25.39	9	-0.07	0.09	-0.33
30.	8	1539.8	1.4	1542.1	1538.0	8	0.2	0.6	-0.6	9	26.12	0.67	27.29	25.39	9	-0.14	-0.04	-0.37
50.	8	1538.4	2.6	1542.5	1534.9	7	-3.6	0.6	-8.4	9	25.33	1.11	27.29	23.87	9	-1.81	-0.05	-3.92
75.	8	1533.6	3.3	1539.0	1530.4	8	-6.3	-4.3	-8.5	9	23.09	1.31	25.47	21.92	9	-2.66	-1.99	-3.95
100.	8	1535.2	3.5	1535.2	1526.3	6	-2.6	-1.2	-4.6	9	21.42	1.29	23.63	20.22	8	-1.63	-0.64	-3.91
125.	8	1527.8	2.9	1532.5	1525.0	8	-2.1	-1.2	-3.4	9	20.56	1.05	22.35	19.62	9	-0.97	-0.63	-1.50
150.	8	1526.4	2.4	1530.4	1524.3	6	-1.6	-0.7	-2.6	9	19.91	0.85	21.41	19.23	9	-0.72	-0.35	-1.13
200.	8	1524.7	1.2	1526.5	1523.3	6	-0.7	-0.1	-2.0	9	19.03	0.42	19.69	18.60	9	-0.40	-0.21	-0.81
250.	8	1524.0	0.6	1524.8	1523.2	8	-0.3	-0.1	-1.0	9	18.52	0.21	18.81	18.28	9	-0.27	-0.16	-0.51
300.	8	1523.6	0.4	1524.4	1523.0	8	-0.1	0.1	-0.3	9	18.14	0.14	18.36	17.95	9	-0.20	-0.12	-0.27
400.	8	1523.2	0.4	1524.0	1522.8	7	-0.1	0.1	-0.5	9	17.48	0.13	17.72	17.34	9	-0.19	-0.14	-0.26
500.	8	1520.7	0.9	1522.1	1519.6	7	-1.1	-0.6	-1.4	9	16.20	0.27	16.60	15.85	9	-0.48	-0.31	-0.59
600.	8	1517.3	0.8	1517.3	1515.2	7	-1.5	-1.2	-2.0	9	14.31	0.28	14.79	14.05	8	-0.59	-0.52	-0.73
700.	8	1509.7	1.0	1511.4	1508.5	8	-2.0	-1.7	-2.3	9	12.06	0.29	12.49	11.66	9	-0.72	-0.57	-0.83
800.	8	1503.6	0.9	1505.2	1502.1	8	-1.9	-1.5	-2.6	9	9.93	0.27	10.32	9.49	9	-0.66	-0.57	-0.83
900.	8	1498.2	1.1	1500.3	1497.0	8	-1.5	-1.3	-1.9	9	8.08	0.30	8.59	7.73	9	-0.53	-0.46	-0.62
1000.	8	1494.5	1.2	1496.6	1493.1	7	-1.0	-0.5	-1.2	9	5.72	0.28	6.20	6.37	9	-0.39	-0.27	-0.45
1100.	8	1492.5	0.7	1493.7	1491.7	7	-0.5	-0.2	-0.9	9	5.79	0.15	6.38	5.60	9	-0.26	-0.17	-0.34
1200.	8	1491.8	0.8	1493.3	1490.8	6	-0.1	-0.1	-0.3	9	5.20	0.18	5.57	4.99	9	-0.15	-0.11	-0.20
1300.	8	1491.9	0.7	1493.5	1490.9	6	0.1	0.3	-0.1	9	4.81	0.18	5.22	4.60	9	-0.11	-0.06	-0.14
1400.	8	1492.3	0.7	1493.8	1491.4	8	0.1	0.3	0.1	9	4.51	0.16	4.89	4.33	9	-0.09	-0.05	-0.12
1500.	8	1493.0	0.5	1494.2	1492.3	7	0.3	0.6	0.1	9	4.28	0.14	4.58	4.12	9	-0.06	-0.04	-0.09
1750.	8	1495.4	0.0	1495.6	1495.1	8	0.2	0.4	0.2	9	3.87	0.04	3.91	3.78	8	-0.04	-0.04	-0.09
2000.	7	1498.5	0.3	1499.2	1498.1	5	0.4	0.5	0.4	9	3.60	0.08	3.77	3.51	9	-0.03	-0.01	-0.05
2500.	7	1504.9	0.0	1505.2	1504.7	6	0.4	0.4	0.3	9	3.11	0.03	3.17	3.07	9	-0.03	-0.02	-0.04
3000.	6	1511.9	0.0	1512.0	1511.7	5	0.4	0.5	0.4	8	2.73	0.02	2.76	2.69	8	-0.02	-0.01	-0.03
4000.	6	1527.6	0.0	1527.7	1527.5	5	0.5	0.5	0.5	7	2.34	0.03	2.40	2.32	7	-0.00	-0.00	-0.01
5000.	1	1545.0	0.0	1545.0	1545.0	1	0.5	0.5	0.5	2	2.24	0.01	2.24	2.23	2	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	16	1534.5	0.7	1536.2	1533.5	0	0.0	0.0	0.0	16	24.13	0.30	24.83	23.70	0	0.00	0.00	0.00		
10.	16	1534.4	0.5	1535.4	1533.5	16	-0.1	2.3	-3.0	16	24.03	0.23	24.43	23.60	16	-0.28	0.91	-1.52		
20.	16	1534.4	0.5	1535.6	1533.3	16	0.0	0.9	-2.1	16	23.97	0.24	24.43	23.52	16	-0.19	0.12	-1.07		
30.	16	1534.5	0.6	1535.8	1533.2	16	0.1	0.7	-1.5	16	23.92	0.26	24.45	23.39	16	-0.12	0.37	-0.94		
50.	16	1534.6	0.8	1536.1	1533.0	16	0.2	1.5	-2.0	16	23.82	0.33	24.40	23.18	16	-0.17	0.15	-1.37		
75.	16	1534.7	1.0	1536.3	1533.2	16	0.4	3.0	-1.3	16	23.72	0.40	24.34	23.09	16	-0.08	0.15	-0.80		
100.	16	1535.0	1.0	1536.7	1533.5	16	0.3	1.5	-1.0	16	23.66	0.40	24.30	23.03	16	-0.14	0.27	-0.91		
125.	16	1535.2	1.2	1537.0	1532.3	16	0.2	1.4	-1.5	16	23.54	0.48	24.26	22.41	16	-0.13	0.37	-0.76		
150.	16	1535.0	1.7	1537.0	1531.1	16	-1.2	1.0	-5.5	16	23.26	0.64	24.07	21.79	16	-0.69	0.08	-2.44		
200.	12	1531.6	2.5	1536.2	1528.4	9	-2.3	0.4	-5.8	13	21.71	1.02	23.41	20.37	10	-1.07	-0.04	-2.47		
250.	12	1526.9	2.2	1531.1	1524.2	10	-2.9	0.3	-12.2	13	19.71	0.88	21.15	18.63	11	-1.19	-0.48	-4.27		
300.	12	1524.2	1.4	1527.0	1522.7	11	-1.2	-0.1	-3.5	12	18.36	0.50	19.30	17.83	12	-0.59	-0.21	-1.45		
400.	12	1519.4	2.0	1521.4	1516.2	12	-1.6	-0.8	-3.5	12	16.27	0.62	16.90	15.32	12	-0.64	-0.39	-1.25		
500.	6	1512.3	2.8	1516.0	1509.3	5	-1.9	-1.3	-2.3	6	13.65	0.84	14.79	12.75	6	-0.75	-0.53	-0.87		
600.	6	1506.4	2.5	1509.2	1503.1	6	-1.7	-1.4	-1.9	6	11.53	0.74	12.34	10.57	6	-0.62	-0.51	-0.67		
700.	6	1501.4	2.1	1503.5	1498.8	5	-1.5	-1.4	-1.7	6	9.74	0.61	10.33	8.98	6	-0.53	-0.45	-0.61		
800.	5	1497.0	1.8	1499.4	1494.8	6	-1.3	-0.9	-1.6	6	8.17	0.49	8.82	7.53	6	-0.46	-0.36	-0.55		
900.	5	1493.5	2.1	1496.9	1491.8	5	-0.9	-0.8	-1.0	5	6.87	0.54	7.74	6.39	5	-0.35	-0.33	-0.37		
1000.	5	1491.3	2.0	1494.7	1490.0	4	-0.5	-0.5	-0.8	5	5.92	0.50	6.78	5.56	5	-0.04	0.83	-0.32		
1100.	5	1490.5	1.6	1493.2	1489.3	5	-0.2	0.2	-0.5	5	5.30	0.39	5.97	5.01	5	-0.16	-0.07	-0.26		
1200.	5	1490.2	1.3	1492.0	1488.7	5	0.0	0.3	-0.4	5	4.82	0.32	5.28	4.46	5	-0.12	-0.08	-0.21		
1300.	5	1490.5	0.9	1491.5	1489.4	5	0.1	0.2	-0.2	5	4.50	0.21	4.73	4.24	5	-0.08	-0.07	-0.17		
1400.	5	1491.1	0.5	1491.7	1490.5	5	0.2	0.3	-0.0	5	4.26	0.11	4.40	4.11	5	-0.07	-0.04	-0.13		
1500.	5	1492.0	0.3	1492.4	1491.7	5	0.3	0.4	0.2	5	4.07	0.07	4.16	3.99	5	-0.06	-0.04	-0.08		
1750.	4	1494.8	0.2	1495.0	1494.6	4	0.4	0.4	0.3	4	3.73	0.03	3.77	3.69	4	-0.04	-0.03	-0.06		
2000.	4	1498.2	0.2	1498.4	1498.0	4	0.4	0.5	0.4	4	3.54	0.05	3.59	3.49	4	-0.02	-0.01	-0.03		
2500.	2	1505.1	0.1	1505.1	1505.0	2	0.4	0.4	0.4	2	3.15	0.01	3.16	3.14	2	-0.03	-0.03	-0.03		
3000.	2	1511.7	0.5	1512.0	1511.3	2	0.4	0.4	0.4	2	2.67	0.11	2.75	2.59	2	-0.03	-0.03	-0.03		

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	14	1536.4	1.1	1538.7	1534.6	0	0.0	0.0	0.0	15	25.15	0.47	26.19	24.35	0	0.00	0.30	0.00
10.	14	1536.5	1.1	1538.6	1534.4	14	0.1	0.9	-0.7	15	25.13	0.47	26.05	24.21	15	-0.09	0.85	-0.47
20.	14	1536.5	1.1	1538.3	1534.2	14	0.1	0.6	-0.9	15	25.09	0.48	25.87	24.06	15	-0.13	0.49	-0.55
30.	14	1536.5	1.1	1538.0	1534.0	13	0.0	0.6	-0.9	15	25.03	0.49	25.67	23.91	14	-0.19	0.09	-0.61
50.	15	1536.6	1.1	1537.9	1533.6	12	-0.1	0.6	-1.1	15	24.89	0.51	25.44	23.60	13	-0.24	0.03	-0.70
75.	15	1536.5	1.2	1538.2	1533.3	14	-0.2	0.7	-2.1	15	24.61	0.56	25.34	23.21	14	-0.33	-0.02	-1.16
100.	15	1535.8	1.9	1538.4	1531.9	15	-2.0	0.4	-7.2	15	24.13	0.83	25.26	22.55	15	-1.11	-0.06	-3.09
125.	15	1532.8	2.7	1535.7	1526.5	15	-4.1	-2.0	-6.6	15	22.66	1.04	23.88	20.27	15	-1.94	-1.13	-2.78
150.	15	1529.4	3.9	1533.5	1520.6	15	-4.1	-2.6	-9.9	15	21.15	1.39	22.71	18.01	15	-1.81	-1.27	-3.67
200.	15	1523.4	6.0	1529.4	1508.2	15	-3.7	-1.2	-9.1	15	18.71	1.93	20.69	13.94	15	-1.44	-0.65	-2.74
250.	14	1517.9	9.3	1526.9	1493.2	14	-3.2	-0.1	-11.3	14	16.71	2.79	19.53	9.58	14	-1.17	-0.21	-3.22
300.	13	1515.5	8.2	1525.0	1498.3	13	-2.6	-0.7	-4.6	14	15.06	3.33	18.59	6.84	14	-0.88	-0.12	-1.42
400.	11	1508.0	9.0	1520.3	1492.5	10	-2.5	-1.0	-4.2	11	13.02	2.54	16.59	8.72	11	-0.88	-0.49	-1.26
500.	11	1500.5	8.6	1513.4	1486.6	11	-2.0	-0.5	-2.9	11	10.50	2.29	14.01	6.94	11	-0.69	-0.23	-0.97
600.	10	1493.7	6.4	1504.9	1485.0	10	-1.7	-0.5	-2.6	10	8.27	1.67	11.20	6.06	10	-0.57	-0.24	-0.85
700.	5	1490.4	3.9	1497.0	1486.4	5	-1.4	-0.8	-2.4	6	7.17	0.98	8.70	5.98	6	-0.49	-0.33	-0.74
800.	2	1488.6	2.1	1490.0	1487.1	2	-1.5	-0.8	-2.1	4	6.14	0.36	6.49	5.77	4	-0.43	-0.24	-0.67

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	14	1535.7	2.5	1538.0	1529.1	0	0.0	0.0	0.0	14	24.82	1.04	25.73	22.01	0	0.00	0.00	0.00
10.	14	1535.9	2.8	1538.4	1528.2	14	0.7	3.0	-2.7	14	24.81	1.15	25.78	21.58	14	-0.04	0.27	-1.31
20.	14	1535.9	3.0	1538.5	1527.3	14	0.0	0.6	-2.7	14	24.77	1.24	25.81	21.20	14	-0.11	0.15	-1.16
30.	14	1536.0	3.2	1538.7	1526.6	14	0.2	1.0	-2.1	14	24.73	1.32	25.84	20.87	14	-0.14	0.10	-1.01
50.	14	1535.9	3.6	1539.0	1525.6	14	-0.5	0.6	-3.8	14	24.55	1.47	25.84	20.37	14	-0.40	0.10	-1.91
75.	14	1535.5	4.0	1539.2	1525.1	13	-0.7	1.5	-4.3	14	24.17	1.63	25.73	20.03	14	-0.48	0.46	-2.13
100.	14	1534.3	4.3	1539.2	1524.4	14	-1.8	-0.2	-4.4	14	23.48	1.72	25.49	19.66	14	-0.99	-0.27	-2.17
125.	14	1532.8	4.6	1538.6	1523.3	14	-1.8	0.6	-4.5	14	22.68	1.78	24.98	19.11	14	-0.97	-0.07	-2.16
150.	13	1530.5	5.8	1536.3	1516.1	12	-4.4	-0.9	-14.3	14	21.38	2.19	23.79	16.59	12	-1.93	-0.65	-5.01
200.	12	1523.9	8.0	1533.7	1503.7	11	-3.6	-0.1	-7.6	13	18.75	2.58	22.40	12.66	13	-1.40	-0.23	-2.40
250.	12	1518.1	9.1	1528.3	1497.6	12	-3.5	-0.1	-6.9	12	16.76	2.77	20.07	10.77	12	-1.32	-0.23	-2.17
300.	11	1515.4	8.3	1524.1	1494.1	10	-2.3	-0.6	-5.9	11	15.66	2.42	18.32	9.64	11	-0.88	-0.38	-2.13
400.	10	1509.8	6.9	1523.9	1500.6	10	-2.4	-0.1	-4.5	10	13.50	2.02	17.69	10.93	10	-0.85	-0.19	-1.42
500.	8	1501.2	7.3	1512.0	1492.5	8	-2.3	-1.4	-3.2	8	10.64	1.98	13.59	8.31	8	-0.76	-0.50	-1.05
600.	7	1494.0	4.8	1501.1	1487.7	6	-1.6	-0.7	-2.6	7	8.32	1.25	10.18	6.70	7	-3.00	-0.30	-17.68
700.	4	1491.7	1.1	1493.0	1490.4	3	-1.0	-0.5	-1.3	4	7.33	0.29	7.64	6.96	3	-0.39	-0.27	-0.45
800.	2	1489.1	0.8	1489.6	1488.5	2	-0.8	-0.8	-0.9	2	6.26	0.19	6.39	6.12	2	-0.34	-0.33	-0.34

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT								
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN				
0.	15	1536.5	2.1	1541.0	1532.2	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00				
10.	15	1536.6	2.1	1541.1	1532.3	15	0.3	1.7	-0.6	0.94	27.18	23.32	15	-0.08	0.41	-0.58		
20.	15	1536.7	2.2	1541.2	1532.4	14	-0.0	0.6	-1.5	15	25.24	0.94	27.15	23.30	15	-0.24	-0.03	-0.99
30.	15	1536.6	2.2	1541.3	1532.6	12	-0.3	0.9	-2.1	15	25.08	0.96	27.12	23.29	14	-0.31	0.26	-1.16
50.	15	1535.4	2.0	1540.5	1529.8	15	-2.3	0.5	-11.9	15	24.39	1.25	26.58	22.13	15	-1.22	-0.03	-5.09
75.	15	1533.8	4.4	1538.9	1525.4	15	-1.8	0.4	-8.0	15	23.55	1.78	25.70	20.23	15	-0.94	-0.02	-3.35
100.	15	1531.6	5.5	1539.1	1520.4	15	-3.0	1.0	-8.6	15	22.48	2.13	25.55	18.23	15	-1.45	-0.02	-3.73
125.	15	1528.6	7.8	1538.8	1512.1	15	-3.7	0.1	-18.3	15	21.19	2.78	25.18	15.46	15	-1.61	-0.23	-6.22
150.	15	1526.2	9.0	1537.6	1504.6	15	-3.2	-0.1	-9.1	15	20.13	3.07	24.45	13.13	15	-1.39	-0.37	-2.84
200.	14	1521.9	5.6	1532.2	1497.2	14	-4.1	-0.9	-11.6	14	16.31	3.04	21.82	10.89	14	-1.54	-0.56	-3.90
250.	14	1516.0	11.9	1528.4	1486.9	13	-3.1	-0.7	-6.3	14	16.20	3.51	20.14	7.99	14	-1.07	-0.25	-2.07
300.	13	1513.3	10.1	1525.2	1491.2	12	-2.8	-1.1	-5.1	13	15.06	2.93	18.71	9.90	12	-1.00	-0.48	-1.70
400.	10	1506.7	10.9	1520.5	1485.8	10	-2.2	-1.0	-4.6	10	12.67	2.98	16.63	7.11	10	-0.77	-0.45	-1.36
500.	9	1502.4	8.1	1513.9	1488.8	8	-2.0	-1.3	-3.2	9	10.98	2.18	14.15	7.44	9	-0.81	-0.30	-1.86
600.	6	1497.4	8.6	1510.3	1486.6	6	-1.4	-0.7	-2.0	6	9.23	2.23	12.66	5.47	6	-0.51	-0.30	-0.65
700.	4	1496.7	9.8	1510.2	1487.5	4	-1.0	-0.0	-2.0	4	8.62	2.55	12.17	6.26	4	-0.40	-0.15	-0.66
800.	1	1488.7	0.0	1488.7	1488.7	1	-2.4	-2.4	-2.4	1	6.16	0.00	6.16	6.16	1	-0.73	-0.73	-0.73

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 90 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	20	1537.2	1.4	1539.4	1535.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	20	1537.1	1.2	1539.3	1535.7	20	-0.3	3.0	3.0	-4.9	67	-0.14	0.61	-2.41
20.	20	1537.0	1.3	1539.1	1534.4	20	-0.3	1.2	1.2	-4.3	67	-0.17	0.55	-2.07
30.	20	1536.9	1.5	1539.1	1533.2	20	-0.7	0.6	0.6	-4.6	67	-0.36	0.33	-2.74
40.	20	1536.3	2.1	1538.9	1531.5	20	-1.0	0.8	0.8	-6.9	67	-0.26	1.22	-3.24
75.	20	1535.4	2.8	1538.5	1529.8	19	-1.7	0.9	0.9	-8.9	67	-0.41	1.05	-4.13
100.	20	1533.6	4.0	1538.4	1525.7	19	-2.4	0.6	0.6	-6.6	67	-1.18	0.32	-33.73
125.	20	1531.3	5.5	1537.4	1522.2	20	-2.8	0.7	0.7	-9.1	67	-1.05	0.30	-3.62
150.	19	1529.0	6.5	1535.4	1515.5	19	-4.0	-2.0	-2.0	-11.3	66	-1.75	0.32	-3.73
200.	19	1522.0	7.9	1530.0	1504.2	19	-4.1	-2.0	-2.0	-8.0	66	-1.48	-0.38	-3.02
250.	19	1514.4	12.1	1525.3	1490.7	19	-4.7	-1.3	-1.3	-14.0	66	-1.35	-0.25	-4.03
300.	15	1514.4	8.6	1522.4	1492.0	15	-3.0	-1.3	-1.3	-4.8	62	-1.05	-0.35	-3.00
400.	12	1506.9	9.3	1516.8	1490.2	12	-2.7	-1.7	-1.7	-4.0	59	-0.99	-0.15	-2.41
500.	8	1500.0	6.3	1507.9	1490.9	8	-2.2	-1.0	-1.0	-3.3	55	-1.00	-0.12	-2.77
600.	5	1497.8	2.6	1500.7	1494.2	4	-1.6	-1.2	-1.2	-2.1	20	-0.51	-0.37	-0.75
700.	4	1492.2	1.4	1493.5	1490.6	4	-1.7	-1.1	-1.1	-2.2	4	-0.57	-0.43	-0.70

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	27	1540.0	0.8	1542.3	1538.6	0	0.0	0.0	0.0	34	26.08	0.37	27.00	26.07	0	0.00	0.00	0.00
10.	27	1539.9	0.7	1541.7	1538.7	27	-0.4	1.5	-3.0	34	26.54	0.32	27.47	26.04	34	-0.37	0.24	-1.52
20.	27	1539.8	0.6	1541.2	1538.5	27	-0.3	3.0	-6.1	34	26.41	0.31	27.12	25.77	34	-0.44	0.21	-2.74
30.	27	1539.5	0.8	1540.6	1537.4	27	-0.7	1.2	-5.2	34	26.26	0.38	26.87	25.25	34	-0.51	0.24	-2.65
50.	27	1538.7	1.8	1540.4	1534.1	27	-2.2	3.0	-24.4	34	25.74	0.73	26.52	23.71	34	-1.20	1.22	-10.97
75.	27	1536.7	4.1	1540.3	1525.6	27	-1.9	0.6	-8.5	34	24.74	1.58	26.28	20.26	34	-1.10	0.33	-4.04
100.	27	1534.0	5.7	1540.5	1521.9	25	-3.7	3.0	-9.4	34	23.45	2.12	26.08	18.73	32	-1.85	-0.38	-3.85
125.	27	1530.7	7.2	1540.3	1513.7	27	-3.9	-0.2	-10.4	34	21.95	2.51	25.76	15.92	34	-1.80	-0.37	-3.47
150.	27	1526.7	8.4	1538.6	1506.0	27	-5.5	-0.6	-13.4	34	20.31	2.75	24.78	13.52	34	-2.17	-0.49	-5.77
200.	24	1518.2	11.5	1532.2	1491.5	24	-5.0	-1.5	-14.5	33	17.52	3.38	22.66	9.35	33	-1.60	-0.12	-4.11
250.	20	1516.3	10.5	1527.8	1490.8	20	-3.0	-0.2	-6.6	29	16.31	3.08	20.31	8.95	29	-1.16	-0.24	-2.96
300.	19	1513.4	10.1	1526.5	1491.1	19	-2.4	-0.8	-4.0	27	14.94	3.19	19.05	6.10	27	-0.91	-0.14	-1.89
400.	17	1507.6	9.6	1518.0	1488.5	17	-2.1	-0.8	-3.7	24	12.81	2.85	16.01	7.75	24	-0.83	-0.30	-1.42
500.	17	1501.2	8.8	1511.8	1484.7	16	-2.0	-0.4	-3.4	23	10.75	2.34	13.50	6.38	22	-0.67	-0.25	-1.64
600.	13	1498.0	5.5	1508.3	1489.4	13	-2.0	-0.4	-3.9	16	9.45	1.44	12.08	7.17	16	-0.65	-0.21	-1.14
700.	5	1494.1	4.5	1500.0	1487.8	5	-1.3	-0.5	-2.5	6	7.99	1.03	9.40	6.34	6	-0.50	-0.16	-0.82
800.	1	1489.7	0.0	1489.7	1489.7	1	-1.0	-1.0	-1.0	1	6.41	0.00	6.41	6.41	1	-0.38	-0.38	-0.33

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	22	1543.9	1.6	1545.7	1540.9	0	0.0	0.74	29.30	27.08	0	0.00	0.00	0.00
10.	22	1543.6	1.4	1545.9	1541.1	22	-0.4	0.0	29.28	27.10	22	-0.49	0.27	-1.58
20.	22	1543.4	1.3	1545.7	1541.2	22	-1.0	0.9	-2.4	27.03	22	-0.72	0.24	-3.20
30.	22	1542.8	1.4	1545.1	1540.7	22	-2.2	0.0	-10.7	26.74	22	-1.23	0.24	-5.03
50.	22	1540.8	2.1	1543.5	1536.2	22	-3.9	0.6	-10.2	24.62	22	-2.01	-0.20	-4.83
75.	22	1537.5	3.7	1540.6	1528.4	22	-4.0	-0.4	-10.5	21.33	22	-1.96	-0.36	-4.27
100.	22	1533.9	5.6	1539.4	1520.5	21	-4.5	-0.1	-8.9	18.34	22	-2.03	-0.36	-4.01
125.	22	1530.3	7.3	1537.9	1513.5	22	-4.4	-1.2	-7.3	15.87	22	-1.88	-0.76	-3.24
150.	22	1526.8	8.4	1534.1	1507.6	21	-4.0	-1.5	-5.9	13.96	21	-1.72	-0.79	-2.98
200.	22	1520.6	9.9	1530.6	1497.7	20	-3.6	-1.6	-8.6	9.39	22	-1.28	0.36	-2.06
250.	19	1515.9	10.9	1526.2	1488.8	19	-3.6	-0.6	-4.7	11.05	19	-1.29	-0.41	-2.43
300.	16	1515.5	8.1	1524.2	1499.5	15	-2.3	-0.4	-3.8	8.18	16	-0.86	-0.31	-1.44
400.	15	1508.4	10.2	1522.3	1490.2	15	-2.3	-0.6	-4.6	9.14	15	-0.80	-0.34	-1.24
500.	8	1505.2	4.5	1511.1	1499.6	8	-2.8	-1.8	-3.5	7.59	9	-0.90	-0.53	-1.46
600.	8	1497.3	3.1	1501.8	1493.7	7	-2.3	-1.7	-2.7	7.0	9	-0.64	-0.19	-1.10
700.	3	1492.6	2.9	1498.0	1490.7	3	-2.4	-1.8	-2.7	7.0	3	-0.74	-0.58	-0.81

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1545.0	1.0	1546.0	1543.3	0	0.0	0.0	0.0	9	29.18	0.41	29.62	28.38	0	0.00	0.00	0.00
10.	9	1545.0	1.1	1546.1	1543.4	9	-0.1	1.2	-6.1	9	29.04	0.47	29.55	28.31	9	-0.45	0.30	-3.54
20.	9	1544.9	1.6	1546.2	1541.4	9	-0.3	1.5	-6.1	9	28.89	0.73	29.47	27.25	9	-0.49	0.34	-3.23
30.	9	1544.7	2.2	1546.4	1539.5	9	-0.6	1.2	-5.8	9	28.69	1.02	29.42	26.28	9	-0.70	0.30	-2.46
50.	9	1542.9	2.8	1545.3	1536.9	9	-3.6	-1.4	-8.8	9	27.65	1.27	28.74	24.97	9	-1.89	-0.93	-4.15
75.	9	1539.9	4.0	1544.2	1533.5	8	-3.6	-0.5	-7.7	9	26.10	1.74	27.98	23.26	8	-1.90	-0.92	-3.55
100.	9	1536.5	4.5	1541.9	1529.2	9	-5.9	-3.0	-16.8	9	24.40	1.86	26.70	21.42	9	-2.60	-0.91	-6.55
125.	9	1532.0	5.8	1537.4	1520.7	9	-5.4	-2.0	-14.8	9	22.39	2.15	24.48	18.28	9	-2.44	-1.06	-5.68
150.	9	1527.7	7.6	1534.9	1511.2	8	-5.5	-3.8	-7.6	9	20.60	2.59	23.22	15.03	8	-2.17	-1.69	-2.47
200.	9	1520.7	9.0	1527.9	1500.3	8	-2.8	-1.5	-6.1	9	17.58	2.78	20.23	11.66	8	-1.06	-0.76	-1.77
250.	9	1514.9	12.3	1525.9	1491.9	8	-2.7	-0.4	-5.1	9	15.83	3.58	19.19	9.23	8	-1.00	-0.33	-1.49
300.	7	1516.5	6.2	1524.3	1506.8	7	-2.9	-1.0	-4.1	7	15.94	1.88	18.39	13.07	7	-1.04	-0.49	-1.37
400.	7	1507.0	7.7	1517.5	1497.1	7	-2.9	-2.3	-3.3	7	12.69	2.16	15.74	9.98	7	-0.98	-0.36	-1.10
500.	7	1498.4	7.4	1507.5	1489.6	6	-2.8	-2.4	-3.5	7	9.91	1.97	12.39	7.59	6	-0.88	-0.67	-1.04
600.	3	1490.7	3.1	1493.5	1487.4	3	-2.3	-2.2	-2.4	3	7.44	0.78	8.15	6.61	3	-0.73	-0.69	-0.76
700.	3	1487.8	1.6	1489.4	1486.2	3	-0.5	0.0	-1.0	3	6.30	0.39	6.72	5.95	3	-0.23	-0.10	-0.33

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	19	1539.5	1.3	1542.9	1537.5	0	0.0	0.0	0.0	19	26.57	3.58	28.10	25.73	0	0.00	0.00	0.00
10.	19	1539.6	1.2	1542.6	1537.4	19	0.0	0.9	-1.7	19	26.51	0.57	27.88	25.47	19	-0.22	0.27	-1.05
20.	19	1539.6	1.2	1542.4	1536.9	19	0.1	1.2	-1.5	19	26.44	0.57	27.68	25.14	19	-0.22	0.27	-1.01
30.	19	1539.6	1.3	1542.2	1536.4	19	-0.0	1.2	-1.5	19	26.36	0.60	27.56	24.85	19	-0.25	0.27	-0.63
50.	19	1539.5	1.4	1541.9	1535.7	18	-0.5	0.9	-4.1	19	26.15	0.66	27.25	24.41	18	-0.47	0.15	-2.44
75.	21	1538.9	2.0	1542.1	1534.8	19	-0.7	3.0	-3.7	21	25.68	0.86	27.12	23.92	20	-0.63	-0.06	-1.95
100.	21	1536.2	5.4	1542.3	1519.0	21	-4.3	0.4	-21.8	21	24.36	2.12	27.00	17.87	21	-2.02	-0.04	-6.30
125.	21	1530.0	8.8	1540.0	1505.8	21	-7.7	-0.5	-17.9	21	21.77	3.16	25.70	13.57	21	-3.20	-0.50	-6.81
150.	21	1523.4	10.8	1537.6	1498.2	21	-8.3	-2.9	-20.2	21	19.24	3.64	24.42	11.33	21	-3.12	-1.54	-7.24
200.	19	1513.5	13.2	1529.8	1492.6	18	-6.0	-1.8	-12.4	20	15.48	4.06	20.85	9.67	19	-2.02	-0.45	-3.75
250.	18	1507.9	14.4	1526.7	1486.3	17	-3.5	-1.0	-7.3	19	13.57	4.19	19.47	7.83	19	-1.20	-0.51	-2.59
300.	14	1505.0	13.4	1523.6	1487.4	13	-3.0	-1.3	-6.5	15	12.39	3.81	18.15	7.91	15	-0.99	-0.45	-2.01
400.	10	1503.6	9.7	1518.0	1488.0	10	-2.1	-1.1	-3.1	10	11.80	2.67	15.88	7.61	10	-0.74	-0.42	-0.97
500.	9	1499.0	7.6	1511.5	1488.8	9	-1.9	-0.5	-2.7	9	10.68	2.02	13.48	7.45	9	-0.64	-0.28	-0.91
600.	8	1494.9	5.3	1504.1	1488.7	8	-1.6	-0.2	-2.3	8	8.57	1.37	10.95	6.99	8	-0.56	-0.17	-0.77
700.	3	1491.7	4.7	1495.5	1486.4	3	-1.5	-0.7	-2.6	3	7.34	1.20	8.29	5.00	3	-0.53	-0.30	-0.81
800.	2	1489.7	2.9	1491.7	1487.6	2	-0.1	0.4	-0.5	2	6.41	0.74	6.93	5.88	2	-0.14	-0.24	-0.25

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTH 1

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	14	1534.5	0.3	1535.0	1533.9	0	0.0	0.0	0.0	14	24.11	0.15	24.35	23.90	0	0.00	0.00	0.00		
10.	14	1534.7	0.4	1535.2	1534.1	14	0.9	3.0	0.3	14	24.13	0.16	24.35	23.90	14	0.10	0.30	-0.15		
20.	14	1534.9	0.3	1535.4	1534.3	14	0.4	0.9	0.3	14	24.14	0.16	24.39	23.93	14	0.01	0.15	-0.20		
30.	14	1534.8	0.5	1535.4	1533.5	14	-0.3	0.3	-2.4	14	24.04	0.23	24.30	23.55	14	-0.31	-0.06	-1.16		
50.	14	1534.7	1.0	1535.4	1532.4	14	-0.1	0.5	-1.7	14	23.87	0.37	24.14	22.97	14	-0.24	-0.04	-0.88		
75.	14	1534.5	1.2	1535.6	1532.3	14	-0.3	0.5	-2.0	14	23.63	0.47	24.09	22.77	14	-0.29	0.01	-0.96		
100.	14	1534.0	1.3	1535.4	1532.0	14	-1.1	-0.2	-3.0	14	23.26	0.51	23.82	22.52	14	-0.75	-0.30	-1.24		
125.	14	1533.0	0.8	1534.3	1531.7	14	-1.2	-0.1	-2.2	14	22.68	0.30	23.16	22.20	14	-0.71	-0.26	-1.13		
150.	14	1531.9	0.5	1532.9	1531.2	14	-1.6	-0.2	-3.0	14	22.03	0.19	22.40	21.77	14	-0.94	-0.33	-1.52		
200.	14	1529.0	1.0	1530.8	1527.5	13	-1.4	-0.5	-3.0	14	20.58	0.38	21.30	20.05	14	-0.74	-0.45	-1.05		
250.	14	1526.4	0.8	1528.0	1524.9	14	-1.6	-1.1	-2.0	14	19.36	0.29	19.93	18.82	14	-0.74	-0.54	-0.88		
300.	14	1524.5	0.4	1525.2	1523.9	13	-0.8	1.5	-3.0	14	18.44	0.14	18.67	18.25	14	-0.41	-0.15	-0.77		
400.	14	1521.6	1.0	1522.9	1519.3	14	-1.5	-0.8	-3.0	14	16.96	0.31	17.39	16.23	14	-0.61	-0.43	-0.74		
500.	14	1516.7	0.6	1517.5	1515.7	14	-1.5	-1.1	-1.8	14	14.95	0.20	15.20	14.67	14	-0.61	-0.48	-0.70		
600.	14	1510.8	0.7	1511.7	1509.5	14	-2.0	-1.4	-3.0	14	12.79	0.20	13.04	12.42	14	-0.74	-0.55	-0.93		
700.	14	1503.9	0.9	1504.8	1500.8	14	-2.1	-1.8	-2.7	14	10.42	0.25	10.67	9.83	14	-0.72	-0.62	-0.85		
800.	14	1497.9	1.0	1498.9	1494.8	14	-1.7	-1.2	-2.0	14	8.44	0.25	8.68	7.62	14	-0.57	-0.46	-0.65		
900.	13	1493.4	0.6	1494.1	1491.6	13	-1.3	-0.8	-1.7	13	6.87	0.17	7.06	6.39	13	-0.47	-0.37	-0.56		
1000.	4	1490.6	0.3	1490.9	1490.3	4	-0.9	-0.9	-1.0	4	5.76	0.06	5.82	5.68	4	-0.36	-0.35	-0.38		

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1532.3	1.2	1534.6	1531.4	0	0.0	0.0	0.0	13	23.19	0.56	24.33	22.80	0	0.00	0.00	0.00
10.	13	1532.3	1.1	1534.5	1531.5	13	-0.1	0.7	-1.5	13	23.14	0.51	24.22	22.72	13	-0.15	0.30	-0.82
20.	13	1532.4	1.0	1534.5	1531.7	12	0.2	1.2	-1.2	13	23.10	0.47	24.12	22.80	13	0.14	3.35	-0.67
30.	13	1532.4	0.9	1534.6	1531.7	11	0.1	3.0	-1.8	13	23.06	0.43	24.08	22.73	13	0.91	12.70	-0.98
50.	13	1532.4	0.7	1534.6	1531.6	9	-0.2	0.6	-1.5	13	22.92	0.34	23.92	22.54	13	-4.26	-0.02	-18.08
75.	13	1532.3	0.7	1533.8	1530.6	13	-0.2	0.5	-1.2	13	22.68	0.31	23.35	21.99	13	-0.29	-0.04	-0.72
100.	13	1531.8	1.0	1533.2	1529.6	13	-1.4	-0.1	-3.0	13	22.33	0.39	22.92	21.46	13	-0.73	-0.18	-1.17
125.	13	1530.7	1.3	1533.0	1528.4	13	-1.4	0.4	-2.3	13	21.73	0.51	22.65	20.84	13	-0.73	-0.02	-1.09
150.	13	1529.5	1.7	1532.6	1527.0	13	-1.4	0.5	-2.1	13	21.14	0.65	22.31	20.19	13	-0.71	-0.04	-0.99
200.	13	1526.6	1.5	1530.9	1525.3	13	-1.3	-0.7	-2.0	13	19.76	0.56	21.36	19.29	13	-0.71	-0.30	-0.97
250.	12	1524.9	1.1	1528.2	1523.8	12	-0.6	-0.2	-1.6	12	18.84	0.41	20.04	18.46	12	-0.39	-0.20	-0.80
300.	12	1524.2	1.0	1526.7	1522.7	12	-0.1	1.5	-0.7	12	18.33	0.33	19.18	17.81	12	-0.23	-0.07	-0.40
400.	11	1523.1	1.6	1525.9	1521.1	9	-0.4	-0.2	-1.5	11	17.42	0.52	18.33	16.82	9	-0.31	-0.10	-0.51
500.	10	1520.0	2.4	1524.1	1516.9	8	-1.2	-0.8	-1.5	10	15.96	0.75	17.24	15.02	10	-0.06	5.30	-1.80
600.	10	1515.8	3.2	1520.5	1511.3	10	-1.4	-0.7	-2.4	10	14.20	0.92	15.61	12.91	10	-0.56	-0.35	-0.79
700.	4	1511.4	2.8	1514.1	1507.6	4	-2.8	-1.8	-3.8	4	12.47	0.78	13.23	11.43	4	-0.90	-0.65	-1.17
800.	3	1504.5	3.3	1508.0	1501.4	2	-2.3	-1.9	-2.6	3	10.16	0.88	11.09	9.33	2	-0.74	-0.65	-0.83
900.	3	1498.8	3.7	1502.5	1495.2	3	-1.7	-1.6	-1.8	3	8.23	0.94	9.19	7.32	3	-0.54	-0.49	-0.57
1000.	3	1494.4	3.5	1497.8	1490.9	3	-1.2	-0.9	-1.4	3	6.70	0.86	7.54	5.83	3	-0.44	-0.39	-0.48
1100.	3	1491.5	2.8	1494.2	1488.7	3	-0.9	-0.6	-1.1	3	5.58	0.67	6.23	4.89	3	-0.34	-0.27	-0.40
1200.	3	1490.4	2.0	1492.4	1488.4	3	-0.1	0.3	-0.3	3	4.90	0.48	5.38	4.42	3	-0.13	-0.06	-0.19
1300.	3	1490.6	1.7	1491.8	1488.6	3	0.0	0.3	-0.2	3	4.53	0.41	4.83	4.06	3	-0.11	-0.06	-0.17
1400.	3	1491.1	1.7	1492.2	1489.2	3	0.2	0.2	0.1	3	4.26	0.39	4.50	3.81	3	-0.08	-0.07	-0.09
1500.	3	1491.9	1.3	1492.9	1490.4	3	0.3	0.5	0.2	3	4.05	0.31	4.27	3.70	3	-0.05	-0.07	-0.08
1750.	3	1494.9	0.4	1495.3	1494.5	3	0.3	0.4	0.3	3	3.75	0.09	3.84	3.66	3	-0.03	-0.05	-0.05
2000.	3	1498.3	0.3	1498.6	1498.0	3	0.5	0.5	0.4	3	3.55	0.07	3.63	3.49	3	-0.01	-0.01	-0.03
2500.	3	1505.3	0.1	1505.4	1505.2	3	0.4	0.4	0.4	3	3.20	0.03	3.23	3.18	3	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	24	1535.7	1.0	1536.4	1531.4	0	0.0	0.0	0.0	24	24.69	0.40	25.00	22.90	0	0.00	0.00	0.00
10.	24	1535.8	1.0	1536.5	1531.6	24	-0.2	3.0	-3.0	24	24.66	0.40	24.90	22.89	24	-0.30	0.14	-0.91
20.	24	1535.7	1.0	1536.5	1531.6	24	-0.4	3.0	-3.0	24	24.55	0.42	24.85	22.86	24	-0.39	0.03	-0.94
30.	24	1535.6	1.2	1536.7	1531.4	24	-0.3	0.6	-1.5	24	24.43	0.47	24.83	22.70	24	-0.36	0.03	-0.85
50.	24	1535.5	1.3	1536.8	1531.3	24	-0.1	1.5	-1.8	24	24.22	0.54	24.74	22.49	24	-0.32	-0.05	-0.85
75.	24	1535.1	1.1	1536.5	1531.4	24	-0.5	0.1	-1.8	24	23.85	0.45	24.45	22.35	24	-0.47	-0.22	-0.91
100.	24	1534.5	1.0	1535.7	1531.0	24	-0.7	-0.2	-1.7	24	23.42	0.40	23.92	22.02	24	-0.51	-0.08	-0.91
125.	24	1533.8	0.9	1534.9	1531.1	24	-0.9	0.1	-1.7	24	22.93	0.35	23.38	21.88	24	-0.60	-0.17	-0.90
150.	24	1524.4	0.9	1533.9	1530.6	24	-2.0	-0.9	-3.0	24	22.23	0.33	22.76	21.51	24	-1.02	-0.65	-1.37
200.	24	1528.9	0.8	1530.4	1527.7	24	-1.5	-1.2	-3.0	24	20.55	0.31	21.09	20.12	24	-0.97	-0.67	-1.32
250.	24	1526.3	0.6	1527.3	1525.4	24	-1.5	-0.4	-2.1	24	19.32	0.20	19.69	19.01	24	-0.71	-0.19	-0.93
300.	24	1526.8	0.4	1526.2	1524.4	24	-0.5	-0.1	-1.1	24	18.55	0.16	19.02	18.38	24	-0.34	-0.20	-0.56
400.	24	1522.9	0.7	1525.7	1521.9	23	-0.7	0.3	-1.5	24	17.40	0.24	18.29	17.06	24	-0.38	-0.03	-0.58
500.	24	1519.4	1.5	1525.2	1517.8	23	-1.3	-0.7	-1.8	24	15.77	0.46	17.60	15.29	24	-0.55	-0.35	-0.69
600.	22	1513.7	1.7	1520.9	1512.6	21	-2.0	-1.5	-2.4	22	13.62	0.49	15.75	13.29	22	-0.73	-0.60	-0.91
700.	15	1507.1	2.0	1513.8	1505.5	15	-2.1	-1.8	-2.5	15	11.29	0.55	13.14	10.80	15	-0.71	-0.63	-0.84
800.	14	1500.8	1.8	1506.3	1498.6	14	-1.9	-1.7	-2.3	15	9.17	0.47	10.63	8.54	15	-0.64	-0.58	-0.77
900.	13	1495.1	1.4	1499.0	1493.2	13	-1.7	-1.6	-2.3	14	7.27	0.34	8.25	6.77	14	-0.57	-0.53	-0.73
1000.	5	1490.7	1.4	1493.2	1489.7	5	-1.0	-0.5	-1.8	5	5.78	0.34	6.37	5.52	5	-0.38	-0.20	-0.57
1100.	3	1489.7	1.2	1491.0	1488.8	3	-0.4	-0.3	-0.6	3	5.12	0.28	5.44	4.90	3	-0.23	-0.19	-0.25
1200.	3	1489.0	0.6	1489.6	1488.4	3	-0.0	0.3	-0.4	3	4.56	0.15	4.71	4.41	3	-0.13	-0.14	-0.22
1300.	3	1489.5	0.7	1490.1	1488.8	3	0.3	0.3	0.1	3	4.27	0.15	4.41	4.11	3	-0.06	-0.05	-0.09
1400.	3	1490.4	0.9	1491.2	1489.4	3	0.3	0.3	0.2	3	4.09	0.21	4.27	3.86	3	-0.05	-0.04	-0.08
1500.	3	1491.5	1.0	1492.4	1490.4	3	0.4	0.5	0.3	3	3.95	0.23	4.15	3.70	3	-0.03	-0.04	-0.04
1750.	3	1495.1	0.5	1495.6	1494.6	3	0.5	0.5	0.4	3	3.80	0.11	3.91	3.63	3	-0.01	-0.01	-0.03
2000.	3	1498.9	0.3	1499.1	1498.6	2	0.5	0.5	0.5	3	3.69	0.06	3.74	3.43	3	-0.19	-0.01	-0.54
2500.	2	1505.9	0.4	1506.2	1505.6	2	0.4	0.4	0.4	2	3.34	0.10	3.41	3.27	2	-0.03	-0.02	-0.04
3000.	2	1512.9	0.9	1513.5	1512.2	2	0.5	0.5	0.5	2	2.97	0.22	3.12	2.81	2	-0.02	-0.02	-0.02
3000.	1	1528.2	0.0	1528.2	1528.2	1	0.4	0.4	0.4	1	2.47	0.00	2.47	2.47	1	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTH 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	19	1542.0	1.1	1543.4	1540.0	0	0.0	0.0	0.0	19	27.43	0.39	28.00	26.69	0	0.00	0.00	0.00		
10.	19	1541.7	1.0	1542.6	1539.6	19	-0.9	1.0	-4.7	19	27.23	0.35	27.58	26.46	19	-0.66	0.12	-2.37		
20.	19	1540.9	1.1	1542.4	1538.8	19	-2.2	0.6	-6.7	19	26.80	0.41	27.39	26.00	19	-1.27	-0.06	-2.93		
30.	19	1539.7	0.9	1541.2	1537.9	17	-3.8	-0.7	-6.1	19	26.18	0.39	26.75	25.47	18	-1.98	-0.64	-2.99		
50.	19	1537.5	1.1	1538.9	1535.3	19	-3.7	-2.7	-4.9	19	25.03	0.47	25.69	24.13	19	-1.79	-1.41	-2.32		
75.	19	1535.4	1.1	1536.7	1533.0	19	-2.6	-1.7	-4.1	19	23.94	0.46	24.56	22.98	19	-1.31	-0.91	-1.99		
100.	19	1533.5	1.1	1534.8	1530.8	18	-2.1	-1.5	-3.4	19	23.01	0.44	23.54	21.95	19	-1.04	-0.61	-1.63		
125.	19	1532.1	1.0	1533.1	1529.4	18	-1.7	-0.9	-3.0	19	22.28	0.39	22.67	21.26	19	-0.88	-0.57	-1.44		
150.	19	1530.7	1.0	1531.9	1528.2	19	-1.8	-1.5	-2.7	19	21.56	0.38	22.00	20.64	19	-0.90	-0.76	-1.22		
200.	19	1527.9	0.8	1529.0	1526.2	18	-1.6	-0.9	-2.4	19	20.17	0.27	20.59	19.59	19	-0.83	-0.59	-1.08		
250.	19	1525.8	0.5	1526.5	1524.8	19	-1.2	-0.9	-1.6	19	19.15	0.17	19.38	18.81	19	-0.60	-0.20	-0.74		
300.	19	1524.6	0.0	1524.8	1524.3	19	-0.6	0.3	-1.1	19	18.45	0.05	18.55	18.35	19	-0.37	-0.08	-0.55		
400.	19	1523.8	0.5	1524.5	1522.0	18	-0.4	-0.1	-1.5	19	17.65	0.18	17.90	17.08	19	-0.27	-0.16	-0.49		
500.	19	1520.3	1.0	1522.6	1518.4	18	-1.2	-0.7	-1.8	19	16.04	0.32	16.76	15.47	19	-0.53	-0.39	-0.71		
600.	19	1515.4	1.4	1518.4	1513.0	19	-1.6	-1.1	-3.0	19	14.08	0.43	14.98	13.38	19	-0.61	-0.49	-0.79		
700.	18	1508.6	1.8	1512.8	1506.1	18	-2.2	-1.7	-2.5	18	11.69	0.51	12.89	11.00	18	-0.75	-0.64	-0.85		
800.	18	1501.9	1.9	1507.0	1499.6	18	-2.0	-1.5	-3.0	18	9.46	0.51	10.82	8.86	18	-0.68	-0.61	-0.92		
900.	18	1496.3	1.6	1500.9	1494.3	18	-1.7	-1.2	-2.0	18	7.57	0.42	8.77	7.03	18	-0.56	-0.43	-0.66		
1000.	16	1491.6	1.2	1494.6	1489.6	15	-1.3	-0.7	-2.0	16	6.04	0.32	6.74	5.45	16	-0.46	-0.30	-0.62		
1100.	5	1490.6	1.0	1491.8	1489.3	5	-0.3	-0.1	-0.6	5	5.33	0.25	5.62	5.01	5	-0.21	-0.15	-0.29		
1200.	5	1490.1	0.9	1491.2	1489.2	5	0.6	3.0	-0.2	5	4.81	0.23	5.06	4.59	5	-0.10	-0.06	-0.17		
1300.	5	1490.4	0.8	1491.3	1489.5	5	0.1	0.3	0.0	5	4.47	0.18	4.68	4.26	5	-0.09	-0.06	-0.12		
1400.	5	1491.5	0.6	1491.5	1490.1	5	0.2	0.3	0.1	5	4.21	0.15	4.35	4.01	5	-0.08	-0.06	-0.10		
1500.	5	1491.9	0.6	1492.6	1491.2	4	0.3	0.4	0.3	5	4.04	0.14	4.19	3.87	4	-0.05	-0.04	-0.05		
1750.	5	1495.0	0.2	1495.3	1494.8	5	0.4	0.5	0.3	5	3.77	0.04	3.84	3.74	5	-0.03	-0.00	-0.05		
2000.	4	1498.5	0.3	1498.9	1498.4	4	0.4	0.5	0.4	5	3.58	0.09	3.70	3.46	5	-0.02	-0.02	-0.03		
2500.	3	1505.2	0.2	1505.3	1505.0	3	0.4	0.4	0.4	3	3.18	0.04	3.21	3.13	3	-0.03	-0.03	-0.04		
3000.	3	1512.0	0.1	1512.1	1511.9	3	0.4	0.4	0.4	3	2.76	0.03	2.79	2.73	3	-0.02	-0.02	-0.02		
4000.	3	1527.6	0.1	1527.7	1527.5	2	0.5	0.5	0.5	3	2.34	0.03	2.36	2.30	3	-0.01	-0.00	-0.01		

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTH 7

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	15	1543.6	0.2	1544.1	1543.1	0	0.0	0.0	0.0	15	28.29	0.18	28.59	28.01	0	0.00	0.00	0.00		
10.	15	1543.6	0.3	1544.1	1543.0	15	-1.2	1.0	-6.1	15	28.21	0.20	28.48	27.83	15	-0.97	0.14	-3.35		
20.	15	1542.7	0.7	1543.9	1541.4	15	-2.8	0.6	-5.8	15	27.65	0.39	28.34	26.99	15	-1.71	-0.24	-2.99		
30.	15	1541.7	1.2	1543.7	1539.9	15	-3.2	-0.3	-5.2	15	27.07	0.59	28.13	26.21	15	-1.79	-0.43	-2.71		
50.	15	1539.1	1.5	1542.4	1536.8	15	-4.8	-3.0	-7.4	15	25.72	0.68	27.25	24.71	15	-2.38	-1.52	-3.73		
75.	15	1535.3	1.1	1537.6	1533.8	15	-4.5	-2.8	-5.9	15	23.91	0.45	24.88	23.30	15	-2.16	-1.44	-2.89		
100.	15	1532.3	0.9	1533.9	1530.9	15	-3.3	-2.0	-4.3	15	22.51	0.36	23.15	21.96	15	-1.49	-0.91	-1.94		
125.	15	1530.2	0.9	1531.7	1528.8	14	-2.6	-1.8	-3.2	15	21.54	0.37	22.13	21.02	15	-1.18	-0.89	-1.45		
150.	15	1528.4	0.9	1529.8	1527.3	15	-2.0	-1.2	-2.8	15	20.71	0.34	21.26	20.28	15	-0.97	-0.73	-1.24		
200.	14	1525.9	0.6	1527.9	1525.2	14	-1.1	-0.5	-2.0	15	19.51	0.24	20.24	19.24	15	-0.57	-0.20	-0.91		
250.	14	1524.9	0.5	1526.2	1524.4	14	-0.7	-0.1	-1.2	15	18.84	0.20	19.35	18.67	15	-0.40	-0.22	-0.54		
300.	14	1524.3	0.5	1525.6	1523.8	13	0.0	1.0	-0.7	14	18.37	0.17	18.82	18.19	14	-0.05	1.75	-0.42		
400.	14	1523.6	0.5	1525.0	1523.0	14	-0.4	0.1	-1.0	14	17.60	0.16	18.07	17.42	14	-0.30	-0.15	-0.43		
500.	14	1519.9	0.6	1521.7	1518.9	14	-1.4	-0.9	-1.8	14	15.93	0.21	16.51	15.65	14	-0.59	-0.42	-0.67		
600.	14	1513.9	0.9	1515.6	1511.8	13	-2.1	-1.4	-2.6	14	13.66	0.27	14.17	13.07	14	-0.73	-0.54	-0.90		
700.	13	1506.0	1.7	1508.0	1500.8	13	-2.6	-1.8	-3.7	13	11.00	0.47	11.55	9.62	13	-0.85	-0.67	-1.05		
800.	12	1498.7	0.9	1500.6	1497.6	12	-2.2	-1.7	-2.7	12	8.64	0.24	9.13	8.33	12	-0.72	-0.61	-0.83		
900.	11	1492.8	0.9	1494.9	1491.7	10	-1.8	-1.6	-2.0	11	6.71	0.23	7.24	6.43	11	-0.58	-0.52	-0.65		
1000.	4	1489.7	0.4	1490.2	1489.3	4	-1.0	-0.8	-1.1	4	5.52	0.09	5.65	5.44	4	-0.37	-0.32	-0.41		

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	19	1543.8	1.4	1544.9	1540.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	23	1544.1	1.4	1544.9	1539.7	19	0.6	4.4	-2.4	-1.34	21	0.07	1.96	-1.34
20.	23	1544.1	1.5	1545.1	1538.9	22	0.0	3.0	-4.9	-2.53	23	-0.31	0.30	-2.53
30.	23	1543.9	1.7	1545.3	1538.2	22	-0.1	1.0	-2.4	-1.25	22	-0.30	0.21	-1.25
40.	23	1542.6	2.1	1545.0	1536.7	16	-3.1	0.8	-6.9	-3.96	19	-1.31	1.71	-3.96
50.	23	1537.9	1.3	1541.2	1535.0	20	-5.9	-2.1	-7.8	-3.82	21	-2.91	-1.15	-3.82
75.	23	1537.9	1.3	1538.3	1532.1	23	-4.6	-2.1	-6.3	-2.91	23	-2.13	-1.06	-2.91
100.	23	1534.0	1.0	1534.8	1529.9	22	-2.8	-2.0	-4.3	-2.04	22	-1.34	-0.98	-2.04
125.	23	1531.6	0.9	1532.1	1528.0	23	-2.5	-0.6	-3.3	-1.52	23	-1.16	-0.55	-1.52
150.	23	1529.6	1.0	1529.8	1525.3	19	-1.7	-0.9	-3.0	-2.02	20	-0.79	-0.22	-2.02
200.	23	1526.3	0.6	1527.1	1524.3	21	-0.7	-0.2	-1.6	-0.76	23	-0.41	-0.23	-0.76
250.	23	1525.1	0.5	1525.2	1522.9	22	-0.6	-0.4	-1.2	-0.80	23	-1.45	-0.15	-24.99
300.	23	1524.0	0.5	1523.8	1518.2	22	-0.8	-0.4	-2.0	-0.80	23	-0.42	-0.30	-0.80
400.	23	1521.7	3.0	1521.9	1508.7	19	-1.7	-0.8	-4.0	-1.24	19	-0.66	-0.41	-1.24
500.	19	1517.1	4.5	1517.0	1498.8	15	-2.1	-1.5	-3.0	-0.90	17	-0.72	-0.61	-0.90
600.	16	1510.4	4.0	1510.6	1498.1	6	-1.9	-1.6	-2.2	-0.74	6	-0.66	-0.54	-0.74
700.	7	1504.2	4.2	1504.4	1498.4	2	-1.9	-1.9	-1.9	-0.65	2	-0.64	-0.62	-0.65
800.	2	1501.4	3.3	1498.6	1494.0	2	-1.2	-0.6	-1.8	-0.59	2	-0.44	-0.28	-0.59
900.	2	1496.3	1.4	1494.4	1492.4	2	-0.9	-0.5	-1.2	-0.44	2	-0.35	-0.26	-0.44
1000.	2	1493.4	0.3	1491.5	1491.1	2	-0.6	-0.4	-0.9	-0.35	2	-0.28	-0.22	-0.35
1100.	2	1491.3	0.1	1490.5	1490.3	2	-0.1	-0.2	-0.2	-0.18	2	-0.15	-0.11	-0.18
1200.	2	1490.4	0.6	1490.9	1490.0	2	0.0	0.1	-0.1	-0.14	2	-0.12	-0.10	-0.14
1300.	2	1490.5	0.3	1491.3	1490.9	2	0.2	0.3	0.1	-0.09	2	-0.06	-0.04	-0.09
1400.	2	1491.1	0.1	1492.1	1492.0	2	0.3	0.3	0.3	-0.07	2	-0.05	-0.04	-0.07
1500.	2	1492.1	0.3	1495.0	1494.6	2	0.3	0.4	0.3	-0.05	2	-0.04	-0.04	-0.05
1750.	2	1494.8	0.1	1498.4	1498.3	2	0.4	0.5	0.4	-0.02	2	-0.02	-0.01	-0.02
2000.	2	1496.4	0.3	1505.2	1504.8	2	0.4	0.4	0.4	-0.03	2	-0.03	-0.02	-0.03
2500.	2	1505.0	0.4	1512.2	1511.7	1	0.4	0.4	0.4	-0.02	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	30	1539.3	0.9	1540.6	1537.9	0	0.0	0.0	0.0	31	26.29	0.40	26.86	25.63	0	0.00	0.00	0.00
10-	31	1539.5	0.9	1540.9	1538.1	30	0.7	2.0	0.3	31	26.31	0.40	26.97	25.65	31	0.07	0.75	-0.17
20-	31	1539.8	0.9	1541.1	1538.3	30	0.6	3.0	0.3	31	26.33	0.41	26.91	25.67	31	0.05	0.18	-0.50
30-	31	1539.9	0.9	1541.4	1538.5	30	0.6	3.0	0.3	31	26.33	0.42	26.92	25.68	31	-0.04	0.09	-0.91
50-	31	1539.5	1.0	1541.5	1537.6	31	-2.6	0.6	-6.1	31	25.96	0.47	26.89	25.06	31	-1.54	-0.02	-3.05
75-	31	1536.3	0.6	1537.2	1534.5	29	-3.9	-2.0	-5.6	31	24.36	0.27	24.76	23.57	31	-2.05	-1.11	-3.77
100-	31	1533.5	0.6	1534.7	1531.9	31	-3.2	-1.5	-7.6	31	22.96	0.25	23.46	22.33	31	-1.57	-1.22	-2.90
125-	31	1531.0	0.7	1532.0	1528.8	31	-3.0	-2.0	-5.6	31	21.81	0.26	22.15	20.92	31	-1.39	-1.02	-2.45
150-	31	1529.0	0.7	1530.1	1526.1	29	-1.6	1.5	-3.0	31	20.88	0.28	21.25	19.76	31	0.91	46.02	-1.23
200-	31	1526.5	0.6	1527.7	1525.1	16	-1.3	-1.0	-3.0	31	19.67	0.22	20.13	19.22	16	-0.62	-0.51	-0.87
250-	31	1524.8	0.6	1525.8	1523.2	30	-1.1	-0.7	-1.6	31	18.79	0.20	19.20	18.29	30	-0.54	-0.38	-0.69
300-	28	1523.7	0.4	1524.2	1522.3	28	-0.1	1.5	-1.5	28	18.16	0.12	18.39	17.72	28	-0.21	0.06	-0.50
400-	27	1522.2	0.7	1523.1	1520.4	27	-0.8	-0.4	-1.5	27	17.13	0.22	17.43	16.59	27	-0.43	-0.27	-0.76
500-	27	1518.2	1.3	1520.0	1514.1	26	-1.6	-0.7	-3.0	27	15.40	0.39	15.93	14.17	26	-0.64	-0.44	-0.85
600-	26	1512.5	1.6	1515.5	1510.1	26	-2.0	-1.3	-3.0	27	13.19	0.51	14.08	11.88	27	-0.75	-0.56	-0.86
700-	15	1506.7	1.4	1510.3	1504.8	15	-2.1	-1.0	-2.4	15	11.17	0.38	12.15	10.70	15	-0.73	-0.43	-0.82
800-	14	1500.4	1.0	1502.5	1499.1	13	-1.7	-1.0	-2.0	14	9.05	0.25	9.58	8.70	14	-0.51	0.34	-0.65
900-	14	1495.6	0.6	1496.9	1494.6	14	-1.5	-1.2	-1.7	14	7.40	0.16	7.73	7.12	14	-0.50	-0.45	-0.58
1000-	2	1492.5	0.7	1493.0	1492.0	2	-0.4	-0.8	-0.6	2	6.22	0.16	6.33	6.10	2	-0.31	-0.30	-0.32
1100-	1	1490.0	0.0	1490.0	1490.0	1	-0.6	-0.6	-0.6	1	5.22	0.00	5.22	5.22	1	-0.27	-0.27	-0.27
1200-	1	1489.0	0.0	1489.0	1489.0	1	0.0	0.0	0.0	1	4.58	0.00	4.58	4.58	1	-0.08	-0.08	-0.08
1300-	1	1489.8	0.0	1489.8	1489.8	1	0.2	0.2	0.2	1	4.36	0.00	4.36	4.36	1	-0.07	-0.07	-0.07
1400-	1	1490.7	0.0	1490.7	1490.7	1	0.3	0.3	0.3	1	4.17	0.00	4.17	4.17	1	-0.06	-0.06	-0.06
1500-	1	1491.7	0.0	1491.7	1491.7	1	0.8	0.8	0.8	1	4.01	0.00	4.01	4.01	1	0.00	0.00	0.00
1750-	1	1495.0	0.0	1495.0	1495.0	1	0.4	0.4	0.4	1	3.79	0.00	3.79	3.79	1	-0.03	-0.03	-0.03
2000-	1	1498.3	0.0	1498.3	1498.3	1	0.6	0.6	0.6	1	3.57	0.00	3.57	3.57	1	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 69 OF MARSDEN SQUARE 80 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1537.0	1.2	1538.4	1534.7	0	0.0	0.0	0.0	9	25.26	0.47	25.74	24.30	0	0.00	0.00	0.00
10.	9	1537.0	1.1	1538.0	1534.0	8	0.1	1.5	-2.4	9	25.21	0.45	25.64	24.29	9	-7.94	0.09	-70.41
20.	9	1537.2	1.1	1538.1	1535.0	7	1.0	1.8	0.3	9	25.22	0.47	25.64	24.27	9	-0.26	0.30	-3.41
30.	9	1537.4	1.1	1538.5	1535.1	8	0.6	3.0	-0.3	9	25.22	0.47	25.63	24.26	9	0.07	0.91	-0.18
50.	9	1537.1	1.4	1538.6	1535.1	9	-0.7	0.8	-3.6	9	24.99	0.62	25.58	24.07	9	-0.60	-0.05	-1.93
75.	9	1535.8	2.7	1538.9	1532.4	7	-1.5	0.9	-5.7	9	24.24	1.19	25.59	22.74	9	-1.15	0.10	-3.45
100.	9	1534.1	4.2	1539.3	1528.9	9	-2.5	0.5	-7.6	9	23.30	1.73	25.47	21.14	9	-1.25	-0.13	-3.51
125.	9	1531.3	4.6	1536.6	1525.0	9	-3.4	-1.5	-6.9	9	22.62	1.78	24.09	19.60	9	-1.57	-0.74	-3.05
150.	9	1528.4	4.5	1533.2	1521.4	8	-3.8	-2.3	-6.1	9	20.72	1.67	22.52	18.23	8	-1.59	-1.16	-2.32
200.	9	1523.7	4.6	1528.7	1516.2	9	-2.3	-1.4	-3.0	9	18.76	1.53	20.46	16.29	9	-0.93	-0.61	-1.22
250.	9	1520.2	5.4	1525.7	1511.9	9	-2.2	-1.5	-3.5	9	17.31	1.72	19.11	14.72	9	-0.88	-0.69	-1.23
300.	8	1517.8	5.8	1523.2	1506.6	7	-1.9	-1.5	-3.3	8	16.30	1.79	18.02	12.97	8	-0.81	-0.63	-1.20
400.	5	1511.3	10.8	1519.5	1495.3	4	-1.8	-1.1	-3.5	6	13.72	2.81	16.30	9.48	6	-1.18	-0.52	-3.57
500.	2	1504.9	11.2	1512.8	1496.9	2	-1.9	-1.7	-2.0	3	11.01	2.42	13.80	9.46	2	-0.68	-0.60	-0.76
600.	1	1492.2	6.0	1492.2	1492.2	1	-1.3	-1.3	-1.3	1	7.85	0.00	7.85	7.85	1	-0.43	-0.43	-0.43

SUMMARY FOR ONE DEGREE SQUARE 69 OF MARSDEN SQUARE 80 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	16	1537.2	0.7	1538.0	1534.9	0	0.0	0.0	0.0	16	25.58	0.32	25.68	24.44	0	0.00	0.00	0.00
10.	17	1537.3	0.7	1538.1	1535.2	17	0.4	1.5	-0.3	17	25.37	0.31	25.68	24.49	17	-0.04	0.15	-0.40
20.	17	1537.4	0.9	1538.2	1534.5	16	0.1	3.0	-2.1	17	25.33	0.38	25.68	24.13	17	-0.15	0.08	-1.15
30.	17	1537.4	1.1	1538.4	1533.8	17	0.0	1.5	-3.0	17	25.28	0.47	25.68	23.76	17	-0.21	0.20	-1.13
50.	17	1537.2	1.8	1538.8	1532.8	16	-0.5	1.2	-6.5	17	25.01	0.75	25.64	23.15	17	-0.48	-0.06	-2.92
75.	17	1536.3	3.5	1538.9	1527.4	17	-1.2	0.8	-7.4	17	24.46	1.43	25.55	20.92	17	-0.71	0.04	-3.13
100.	17	1534.6	5.9	1538.8	1519.3	17	-2.5	0.5	-10.7	17	23.62	2.25	25.37	17.94	17	-1.21	-0.33	-3.79
125.	17	1531.8	8.6	1538.5	1511.1	17	-3.7	0.7	-12.2	17	22.39	3.09	25.01	15.18	17	-1.69	-0.30	-4.04
150.	17	1527.9	10.8	1536.7	1502.3	17	-5.0	-0.6	-11.0	17	20.77	3.61	23.90	12.50	17	-2.05	-0.57	-3.45
200.	14	1522.6	9.1	1530.7	1501.2	13	-5.1	-2.2	-13.7	15	18.58	2.83	21.26	11.89	15	-1.94	-0.98	-4.23
250.	13	1517.8	11.1	1526.2	1494.8	13	-3.5	-0.9	-7.2	13	16.69	3.02	19.16	10.02	13	-1.24	-0.49	-2.20
300.	12	1515.3	9.7	1524.4	1497.4	12	-2.5	-0.5	-4.6	12	15.63	2.84	18.29	10.44	12	-0.82	-0.35	-1.42
400.	10	1511.3	9.0	1521.1	1497.8	9	-2.3	-0.9	-3.8	10	13.94	2.58	16.80	10.15	10	-0.83	-0.43	-1.15
500.	5	1505.0	9.3	1514.7	1493.9	4	-2.4	-2.5	-2.8	7	12.15	2.27	14.39	8.70	7	-0.76	-0.62	-0.92
600.	3	1498.7	10.6	1508.3	1487.5	3	-1.8	-1.6	-2.0	4	9.51	2.47	12.05	6.65	4	-0.59	-0.45	-0.69
700.	2	1488.5	11.2	1492.1	1484.8	2	-0.7	-0.7	-0.8	2	6.50	1.31	7.42	5.57	2	-0.30	-0.28	-0.33

SUMMARY FOR ONE DEGREE SQUARE 69 OF MARSDEN SQUARE 80 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	8	1540.5	1.7	1543.7	1539.2	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0.00
10.	8	1539.6	0.2	1540.1	1539.2	-0.4	8	-0.4	0.7	-4.4	10	-0.60	0.26	28.20	25.70	-2.30
20.	8	1539.6	0.3	1540.2	1539.1	0.0	8	0.2	0.6	0.3	10	-0.28	0.44	26.60	25.02	-2.07
30.	8	1539.6	0.3	1540.3	1539.2	-0.1	8	-0.1	0.6	-0.9	10	-0.51	0.59	26.53	24.42	-1.83
40.	8	1539.2	0.7	1540.2	1538.1	-0.6	8	-0.6	0.3	-1.8	10	-0.54	0.84	26.35	23.43	-1.51
50.	8	1538.5	1.0	1539.9	1536.4	-1.6	7	-1.6	0.6	-6.1	10	-0.96	1.13	26.01	22.61	-2.74
75.	8	1536.3	5.2	1539.7	1523.9	-3.1	8	-3.1	0.3	-15.4	10	-1.83	2.06	25.71	19.51	-5.95
100.	8	1533.2	8.6	1538.8	1512.9	-3.8	6	-3.8	-0.6	-12.7	10	-1.92	3.25	25.07	15.70	-4.61
125.	8	1529.8	10.6	1530.3	1505.3	-4.0	7	-4.0	-1.7	-6.4	10	-1.78	3.89	23.78	13.26	-3.36
150.	7	1526.8	4.3	1533.4	1514.5	-2.9	7	-2.9	-1.1	-6.4	9	-1.58	3.30	22.27	11.89	-2.23
200.	7	1521.6	9.3	1529.5	1503.2	-1.6	7	-1.6	-1.3	-6.9	9	-1.13	3.82	20.51	9.53	-2.15
250.	6	1521.9	6.3	1527.0	1509.9	-0.8	6	-0.8	-0.5	-3.0	7	-0.73	1.81	19.33	13.91	-1.03
300.	5	1516.8	10.5	1524.1	1500.2	-3.1	5	-3.1	0.5	-2.9	6	-0.64	2.79	17.78	10.80	-1.00
400.	5	1507.3	11.0	1517.9	1490.3	-1.9	5	-1.9	-1.9	-3.8	5	-1.04	3.00	15.32	7.80	-1.29
500.	2	1496.1	11.2	1504.0	1488.2	-0.6	2	-1.8	-0.6	-2.9	2	-0.61	2.86	10.92	6.8	-0.94

SUMMARY FOR ONE DEGREE SQUARE 69 OF MARSDEN SQUARE 80 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1542.9	1.3	1544.0	1539.1	0	0.0	0.0	0.0	15	28.05	0.50	28.49	26.64	0	0.00	0.00	0.00
10.	15	1542.6	1.3	1544.0	1538.8	15	-1.1	-0.6	-4.4	15	27.81	0.54	28.41	26.40	15	-0.68	-0.24	-2.24
20.	15	1542.3	1.5	1544.2	1538.3	15	-1.3	1.5	-7.1	15	27.59	0.65	28.41	25.94	15	-0.90	-0.15	-3.76
30.	15	1541.7	1.8	1543.9	1536.2	15	-2.9	-0.3	-9.1	15	27.20	0.81	28.20	24.82	15	-1.59	-0.34	-4.57
50.	15	1539.5	2.3	1541.6	1533.1	15	-4.6	-0.8	-16.8	15	26.07	0.99	27.03	23.29	15	-2.31	-0.53	-7.77
75.	15	1536.3	4.1	1538.9	1527.8	15	-3.4	-0.5	-9.8	15	24.48	1.67	26.06	21.04	15	-1.72	-0.66	-3.96
100.	15	1533.4	5.4	1539.0	1522.2	15	-3.6	-0.2	-7.9	15	23.11	2.09	25.38	14.86	15	-1.69	-0.37	-3.55
125.	15	1530.4	6.2	1537.0	1517.2	15	-3.6	-1.0	-6.7	15	21.75	2.27	24.26	17.06	15	-1.64	-0.65	-2.78
150.	15	1527.7	7.0	1535.4	1512.9	15	-3.5	0.4	-6.1	15	20.57	2.44	23.43	15.57	15	-1.43	-0.05	-2.43
200.	15	1522.3	9.4	1531.6	1502.1	15	-3.1	-0.7	-6.6	15	18.44	3.01	21.62	12.19	15	-1.21	-0.45	-2.23
250.	13	1521.3	7.6	1529.2	1501.9	13	-2.3	-0.8	-5.4	13	17.76	2.37	20.42	11.92	13	-0.95	-0.46	-1.70
300.	12	1517.6	10.1	1526.5	1492.2	12	-1.9	-0.6	-5.9	12	16.39	2.98	19.17	9.13	12	-0.74	-0.38	-1.70
400.	9	1513.0	10.7	1522.1	1496.7	9	-1.9	-0.4	-4.2	9	14.48	3.08	17.11	9.87	9	-0.72	-0.30	-1.31
500.	4	1509.1	11.3	1517.9	1492.5	4	-2.2	-1.3	-2.5	4	12.86	3.09	15.32	8.35	4	-0.77	-0.56	-0.90
600.	1	1512.4	0.0	1512.4	1512.4	1	-1.7	-1.7	-1.7	1	13.22	0.00	13.22	13.22	1	-0.65	-0.65	-0.65

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 80 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	19	1543.6	1.3	1546.2	1540.6	0	0.0	0.58	29.63	27.11	0	0.00	0.00	0.00
10.	19	1543.3	1.1	1545.3	1540.7	19	-0.8	0.48	29.09	27.13	19	-0.66	0.34	-2.16
20.	19	1542.8	1.0	1545.1	1540.7	19	-2.0	0.6	28.88	26.84	19	-1.08	-0.93	-1.95
30.	19	1541.8	1.5	1544.6	1538.2	19	-3.2	0.6	28.60	25.74	19	-1.75	-0.15	-7.01
50.	20	1539.5	3.4	1543.3	1528.4	20	-4.6	0.9	27.88	21.59	20	-2.41	-0.21	-6.32
75.	20	1535.2	5.6	1539.6	1517.2	20	-5.3	1.3	26.15	17.42	20	-2.45	-0.94	-5.63
100.	20	1530.9	7.8	1536.1	1507.5	20	-5.7	1.3	24.11	14.23	20	-2.47	-0.91	-5.01
125.	20	1526.6	9.6	1533.3	1498.6	20	-5.1	2.2	22.82	11.57	20	-2.10	-1.10	-3.65
150.	20	1522.8	11.3	1531.3	1491.0	20	-4.6	1.5	20.43	9.43	20	-1.76	-1.13	-3.83
200.	18	1518.3	11.5	1527.7	1488.4	18	-2.7	0.3	18.95	8.55	18	-1.00	-0.10	-1.97
250.	16	1517.5	10.6	1526.1	1486.1	16	-2.2	0.3	16.61	7.77	16	-0.84	-0.27	-1.74
300.	14	1515.3	9.4	1524.9	1495.2	14	-2.7	0.1	15.64	6.92	14	-0.97	-0.18	-1.72
400.	10	1509.7	11.2	1524.2	1489.4	10	-2.4	0.2	13.54	5.92	10	-0.84	-0.22	-1.44
500.	8	1504.6	10.9	1520.2	1491.5	8	-1.8	0.7	11.93	4.97	8	-0.66	-0.28	-1.22
600.	4	1503.4	5.7	1512.8	1493.5	4	-1.6	0.7	10.82	4.10	4	-0.59	-0.32	-1.02
700.	2	1498.1	9.1	1504.5	1491.6	2	-1.4	0.2	8.95	3.10	2	-0.52	-0.19	-0.84
800.	1	1491.9	0.0	1491.9	1491.9	1	-3.8	-3.3	6.94	6.94	1	-1.12	-1.12	-1.12

SUMMARY FOR ONE DEGREE SQUARE 89 OF MARSDEN SQUARE 80 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	TO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	25	1533.4	0.7	1535.7	1532.4	0.0	0.0	0.0	0.0	0.0	29	23.83	0.34	24.80	23.00	0.00
10.	26	1533.4	0.8	1535.7	1532.2	-0.1	-0.2	0.7	-1.2	-1.5	29	23.75	0.34	24.70	23.02	-0.25
20.	26	1533.4	0.8	1535.9	1532.0	-0.1	-0.1	0.0	-1.5	-1.5	29	23.67	0.36	24.74	23.04	-0.23
30.	26	1533.4	0.9	1536.1	1531.8	-0.1	-0.1	0.6	-0.9	-0.9	29	23.60	0.38	24.77	22.96	-0.22
50.	26	1533.4	1.0	1536.5	1531.6	-0.1	-0.1	1.5	-1.2	-1.2	32	23.46	0.41	24.77	22.86	-0.19
75.	27	1533.5	1.0	1536.6	1531.6	-0.1	-0.1	3.0	-1.1	-1.1	51	23.34	0.38	24.58	22.43	-0.11
100.	27	1533.7	1.0	1536.1	1532.0	-0.2	-0.2	0.0	-6.1	-6.1	51	23.23	0.42	24.21	22.43	-0.23
125.	27	1533.4	1.1	1534.9	1531.0	-0.6	-0.6	0.8	-4.9	-4.9	51	22.95	0.48	23.60	22.02	-0.46
150.	27	1532.7	1.7	1535.1	1528.5	-1.7	-1.7	0.5	-6.1	-6.1	51	22.51	0.66	23.58	20.77	-0.78
200.	27	1529.4	2.3	1532.6	1524.0	-2.5	-2.5	0.9	-6.1	-6.1	51	20.91	0.74	22.07	19.79	-1.19
250.	27	1524.1	2.3	1530.9	1517.9	-4.2	-4.2	-0.2	-9.8	-9.8	51	18.61	0.74	21.17	16.59	-1.70
300.	27	1518.5	3.6	1530.4	1512.7	-2.7	-2.7	0.4	-5.5	-5.5	51	16.37	0.98	20.68	14.77	-1.14
400.	27	1509.0	5.5	1525.1	1504.1	-2.1	-2.1	-0.4	-5.1	-5.1	51	12.92	1.28	18.07	11.51	-1.41
500.	27	1500.5	6.6	1521.8	1494.5	-2.3	-2.3	-0.5	-4.3	-4.3	50	10.14	1.41	16.52	8.87	-0.74
600.	26	1493.5	6.6	1514.2	1487.9	-1.6	-1.6	0.3	-4.4	-4.4	44	7.96	1.38	13.75	6.79	-0.52
700.	17	1491.7	3.6	1502.2	1488.9	0.2	0.2	1.5	-2.6	-2.6	33	7.15	0.70	10.02	6.61	-0.10

SUMMARY FOR ONE DEGREE SQUARE 89 OF MARSDEN SQUARE 80 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1537.8	1.8	1539.4	1533.6	0	0.0	0.0	0.0	8	25.74	0.84	26.44	23.80	0	0.00	0.00	0.00
10.	8	1537.9	2.0	1539.5	1533.2	8	0.4	1.5	-1.4	8	25.69	0.89	26.43	23.59	8	-0.04	0.15	-0.71
20.	8	1537.8	2.2	1539.7	1532.5	8	-0.7	0.3	-4.6	8	25.62	1.01	26.46	23.23	8	-0.49	0.03	-2.44
30.	8	1537.8	2.3	1539.9	1532.7	7	-0.2	0.6	-4.3	8	25.50	1.04	26.47	23.17	7	-0.39	0.03	-2.23
50.	8	1537.5	2.5	1540.1	1532.8	8	-1.2	0.8	-6.1	8	25.21	1.19	26.42	23.05	8	-0.70	0.11	-2.90
75.	8	1536.3	2.9	1539.2	1531.7	8	-1.5	0.2	-5.2	8	24.43	1.26	25.87	22.56	8	-0.95	-0.12	-2.47
100.	8	1534.1	3.4	1538.8	1528.4	8	-3.9	-0.5	-11.0	8	23.34	1.42	25.45	21.10	8	-1.84	-0.51	-4.69
125.	8	1531.2	3.9	1538.0	1525.7	8	-3.3	-1.0	-8.9	8	22.01	1.54	24.81	19.94	8	-1.58	-0.76	-3.78
150.	8	1529.1	4.2	1536.5	1523.6	6	-1.6	-0.6	-3.0	8	21.02	1.59	23.91	19.05	8	-0.87	-0.24	-1.49
200.	8	1525.1	4.3	1531.0	1517.9	7	-2.7	-1.3	-5.4	8	19.26	1.46	21.32	16.87	7	-1.13	-0.15	-1.98
250.	7	1522.4	5.9	1526.3	1509.8	7	-2.4	-0.1	-7.4	7	18.09	1.86	19.31	14.14	7	-0.95	-0.23	-2.34
300.	5	1521.7	2.7	1525.2	1518.4	5	-1.4	-0.4	-3.2	5	17.55	0.88	18.66	16.48	5	-0.63	-0.31	-1.21
400.	5	1516.6	4.5	1522.5	1511.8	4	-1.7	-1.2	-2.5	5	15.45	1.35	17.25	14.03	5	-0.56	-0.14	-0.91
500.	5	1508.5	7.4	1518.0	1499.6	4	-3.1	-1.7	-5.8	5	12.63	2.08	15.33	10.19	5	-0.59	1.08	-1.72
600.	5	1500.6	7.7	1511.8	1490.9	5	-2.2	-1.7	-3.0	5	10.06	2.04	13.04	7.55	5	-0.73	-0.54	-0.98
700.	1	1495.4	0.0	1495.4	1495.4	1	-0.5	-0.5	-0.5	1	8.25	0.00	8.25	8.25	1	-0.26	-0.26	-0.26

SUMMARY FOR ONE DEGREE SQUARE 96 OF MARSDEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	7	1537.8	0.4	1538.5	1537.5	0	0.0	0.0	0.0	9	25.55	0.22	26.02	25.41	0	0.00	0.00	0.00		
10.	7	1538.0	0.4	1538.7	1537.6	7	0.5	1.5	0.3	9	25.58	0.23	26.04	25.41	9	-0.02	-0.03	-0.15		
20.	7	1538.1	0.4	1538.9	1537.7	7	0.4	0.6	0.3	9	25.57	0.24	26.05	25.40	9	-0.01	0.03	-0.09		
30.	7	1538.3	0.5	1539.1	1537.9	7	0.5	0.9	0.3	9	25.57	0.24	26.04	25.40	9	-0.02	-0.03	-0.09		
50.	8	1538.6	0.4	1539.4	1538.1	8	-0.0	0.8	-3.0	9	25.56	0.25	26.04	25.32	9	-0.20	0.06	-1.83		
75.	8	1538.3	1.5	1539.8	1534.9	7	-1.7	0.6	-13.7	9	25.29	0.66	26.05	23.73	8	-0.96	0.01	-6.55		
100.	8	1534.5	3.3	1540.0	1531.1	7	-4.4	-0.3	-10.0	9	23.36	1.41	25.93	22.03	9	-1.93	-0.27	-4.43		
125.	8	1531.9	4.3	1539.7	1528.1	7	-3.0	-0.4	-4.4	9	22.15	1.73	25.56	20.74	9	-1.44	-0.45	-2.27		
150.	8	1529.6	4.0	1537.2	1526.8	8	-2.9	-2.0	-5.0	9	21.11	1.50	24.25	20.09	9	-1.30	-0.81	-2.57		
200.	8	1526.5	2.7	1531.5	1524.6	7	-1.2	0.6	-2.4	9	19.66	0.94	21.54	19.05	9	-0.59	-0.06	-1.16		
250.	8	1525.4	1.7	1528.7	1524.2	8	-0.6	-0.4	-1.4	9	18.99	0.58	20.20	18.60	9	-0.38	-0.19	-0.67		
300.	8	1524.7	1.2	1527.0	1523.8	8	-0.3	0.1	-1.0	9	18.49	0.37	19.28	18.22	9	-0.25	-0.06	-0.52		
400.	8	1524.4	0.7	1525.6	1523.7	8	-0.1	-0.0	-0.6	9	17.84	0.21	18.25	17.63	9	-0.18	-0.13	-0.30		
500.	8	1522.9	0.5	1524.0	1522.1	8	-0.7	-0.3	-1.5	9	16.87	0.20	17.21	16.61	9	-0.39	-0.22	-0.61		
600.	8	1519.6	0.9	1520.8	1518.3	8	-1.5	-0.7	-2.7	9	15.33	0.27	15.71	14.95	9	-0.64	-0.30	-0.99		
700.	8	1513.2	1.3	1515.5	1511.6	8	-2.4	-1.5	-3.3	9	13.03	0.36	13.65	12.55	9	-0.78	-0.46	-1.10		
800.	8	1503.9	1.7	1507.5	1502.3	7	-3.1	-1.6	-4.3	9	9.96	0.44	10.96	9.58	8	-0.89	-0.41	-1.24		
900.	8	1495.5	2.8	1501.7	1493.1	8	-2.5	-1.7	-3.4	9	7.39	0.67	8.99	6.79	9	-0.78	-0.58	-0.99		
1000.	6	1488.6	2.6	1493.6	1486.8	5	-2.3	-1.8	-3.0	9	5.05	0.61	6.48	4.41	9	-0.63	-0.47	-0.89		
1100.	2	1487.0	1.5	1488.0	1485.9	2	0.1	0.2	0.2	2	4.45	0.35	4.70	4.20	2	-0.11	-0.07	-0.15		
1200.	1	1488.1	0.0	1488.1	1488.1	1	0.0	0.0	0.0	1	4.33	0.00	4.33	4.33	1	-0.11	-0.11	-0.11		
1300.	1	1488.9	0.0	1488.9	1488.9	1	0.4	0.4	0.4	1	4.11	0.00	4.11	4.11	1	-0.04	-0.04	-0.04		
1400.	1	1490.1	0.0	1490.1	1490.1	1	0.4	0.4	0.4	1	4.00	0.00	4.00	4.00	1	-0.03	-0.03	-0.03		
1500.	1	1491.3	0.0	1491.3	1491.3	1	0.3	0.3	0.3	1	3.89	0.00	3.89	3.89	1	-0.03	-0.03	-0.03		

SUMMARY FOR ONE DEGREE SQUARE 99 OF MARSDEN SQUARE 80 FOR MONTH 2

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0-	12	1533.3	1.0	1535.8	1531.0	0	0.0	0.0	0.0	15	23.77	0.41	24.89	22.80	0	0.00	0.00	0.00		
10-	12	1533.3	1.2	1535.9	1530.5	12	-0.1	0.3	-1.5	15	23.70	0.45	24.87	22.57	15	-0.19	-0.03	-0.70		
20-	12	1533.3	1.3	1536.1	1530.1	12	-0.2	0.6	-3.0	15	23.64	0.49	24.86	22.55	15	-0.24	-0.03	-0.67		
30-	12	1533.2	1.4	1536.3	1529.8	12	-0.1	0.6	-0.9	16	23.55	0.51	24.85	22.16	16	-0.24	-0.03	-0.58		
50-	12	1533.2	1.6	1536.6	1529.4	12	-0.1	0.5	-1.0	17	23.40	0.55	24.82	21.84	16	-0.23	-0.03	-0.51		
75-	12	1532.9	1.8	1536.6	1528.3	12	-0.4	0.2	-2.3	20	23.16	0.57	24.54	21.27	19	-0.46	0.04	-1.34		
100-	12	1532.3	2.3	1536.4	1526.3	11	-0.9	0.2	-3.0	21	22.72	0.69	24.26	20.39	21	-0.67	-0.15	-2.26		
125-	12	1531.3	2.5	1533.8	1524.4	12	-1.2	0.4	-4.9	21	22.12	0.71	23.04	19.56	21	-0.73	-0.17	-2.08		
150-	12	1529.3	2.7	1532.7	1523.5	12	-3.3	-1.1	-6.5	21	21.10	0.77	22.36	19.00	21	-1.68	-0.55	-2.80		
200-	12	1524.0	2.3	1527.8	1519.2	12	-3.0	-1.4	-6.0	21	18.76	0.57	20.14	17.29	21	-1.18	-0.61	-2.35		
250-	12	1521.5	2.6	1525.6	1515.4	12	-0.8	1.2	-1.5	21	17.68	0.62	19.34	15.84	21	-0.44	0.24	-0.67		
300-	12	1518.8	4.5	1524.1	1506.3	12	-1.7	-0.6	-4.6	21	16.67	1.01	18.28	12.91	21	-0.71	-0.08	-1.47		
400-	12	1512.2	7.1	1523.4	1493.8	11	-2.2	-1.1	-3.2	21	14.24	1.54	17.50	8.97	21	-0.74	-0.37	-1.11		
500-	11	1508.0	5.8	1518.6	1498.8	11	-2.2	-0.8	-6.2	19	12.49	1.22	15.48	9.97	19	-0.72	-0.37	-1.80		
600-	9	1501.8	6.2	1508.5	1486.3	9	-1.5	-0.1	-4.0	18	10.67	1.31	13.30	6.36	18	-0.54	-0.02	-1.42		
700-	5	1497.9	2.4	1500.8	1495.5	5	-2.0	-1.8	-2.7	13	9.04	0.56	9.95	8.26	12	-0.64	-0.38	-1.09		
800-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	8.27	0.00	8.27	8.27	1	0.24	0.24	0.24		
900-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	9.68	0.00	9.08	9.08	1	0.25	0.25	0.25		
1000-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	9.89	0.00	9.89	9.89	1	0.25	0.25	0.25		
1100-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.71	0.00	10.71	10.71	1	0.25	0.25	0.25		
1200-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	11.52	0.00	11.52	11.52	1	0.25	0.25	0.25		
1300-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.33	0.00	12.33	12.33	1	0.25	0.25	0.25		
1400-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	13.14	0.00	13.14	13.14	1	0.25	0.25	0.25		
1500-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	13.95	0.00	13.95	13.95	1	0.25	0.25	0.25		
1750-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	15.98	0.00	15.98	15.98	1	0.25	0.25	0.25		
2000-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.00	0.00	18.00	18.00	1	0.25	0.25	0.25		

SUMMARY FOR ONE DEGREE SQUARE 3 OF MARSDEN SQUARE 113 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	60	1521.4	0.0	1522.4	1520.6	0	0.0	0.0	0.0	61	19.07	0.17	19.45	18.77	0	0.00	0.00	0.00
10.	60	1521.3	0.0	1522.1	1520.6	60	-0.4	0.3	-0.9	61	18.96	0.15	19.28	18.72	61	-0.33	-0.09	-0.52
20.	60	1521.2	0.0	1522.0	1520.5	60	-0.4	0.3	-0.9	61	18.86	0.14	19.12	18.62	61	-0.32	-0.12	-0.49
30.	60	1521.0	0.0	1521.7	1520.4	60	-0.4	0.3	-2.4	61	18.76	0.12	18.99	18.53	61	-0.32	-0.12	-1.04
50.	60	1520.8	0.0	1521.4	1520.1	60	-0.4	0.2	-1.8	61	18.56	0.11	18.79	18.34	61	-0.30	-0.15	-0.73
75.	60	1520.6	0.2	1521.3	1519.9	60	-0.3	-0.1	-0.5	61	18.35	0.1	18.61	18.14	61	-0.26	-0.17	-0.37
100.	61	1520.4	0.2	1521.2	1519.8	60	-0.2	0.1	-0.5	61	18.16	0.10	18.41	17.95	61	-0.23	-0.13	-0.30
125.	61	1520.3	0.0	1520.8	1519.6	61	-0.1	0.4	-0.5	61	18.00	0.08	18.17	17.78	61	-0.19	-0.04	-0.33
150.	61	1520.3	0.0	1521.0	1519.6	61	-0.0	0.2	-0.4	61	17.86	0.08	18.07	17.65	61	-0.17	-0.06	-0.26
200.	61	1520.4	0.0	1520.6	1520.1	61	0.1	0.3	-0.2	61	17.63	0.03	17.70	17.53	61	-0.14	-0.07	-0.24
250.	61	1520.5	0.0	1521.1	1520.1	61	0.1	0.4	-0.2	61	17.41	0.07	17.62	17.25	61	-0.13	-0.04	-0.23
300.	61	1520.3	0.2	1521.1	1519.7	61	-0.1	2.4	-0.3	61	17.07	0.10	17.33	16.86	61	-0.19	0.73	-0.25
400.	61	1518.6	0.0	1519.6	1517.9	59	-0.5	-0.2	-0.7	61	16.04	0.10	16.33	15.81	61	-0.32	-0.22	-0.41
500.	60	1515.3	0.3	1516.1	1514.3	59	-1.3	-0.6	-3.0	60	14.55	0.12	14.78	14.25	60	-0.53	-0.23	-0.61
600.	60	1511.1	0.0	1512.3	1510.4	60	-1.3	-0.9	-1.6	60	12.85	0.11	13.20	12.65	60	-0.52	-0.43	-0.60
700.	57	1506.8	0.0	1507.9	1506.1	55	-1.3	-1.2	-1.5	57	11.20	0.11	11.49	11.01	57	-0.50	-0.45	-0.58
800.	2	1503.2	0.7	1503.7	1502.7	2	-1.2	-1.2	-1.2	2	9.78	0.20	9.92	9.64	2	-0.43	-0.40	-0.46
900.	1	1500.2	0.0	1500.2	1500.2	1	-0.6	-0.6	-0.6	1	8.55	0.00	8.55	8.55	1	-0.24	-0.24	-0.24
1000.	1	1498.6	0.0	1498.6	1498.6	1	-0.9	-0.9	-0.9	1	7.68	0.00	7.68	7.68	1	-0.37	-0.37	-0.37
1100.	1	1496.0	0.0	1496.0	1496.0	1	-0.8	-0.8	-0.8	1	6.63	0.00	6.63	6.63	1	-0.32	-0.32	-0.32
1200.	1	1494.9	0.0	1494.9	1494.9	1	0.0	0.0	0.0	1	5.95	0.00	5.95	5.95	1	-0.08	-0.08	-0.08
1300.	1	1495.4	0.0	1495.4	1495.4	1	0.2	0.2	0.2	1	5.64	0.00	5.64	5.64	1	-0.09	-0.09	-0.09
1400.	1	1495.7	0.0	1495.7	1495.7	1	0.0	0.0	0.0	1	5.32	0.00	5.32	5.32	1	-0.11	-0.11	-0.11
1500.	1	1496.0	0.0	1496.0	1496.0	1	0.1	0.1	0.1	1	4.98	0.00	4.98	4.98	1	-0.10	-0.10	-0.10
1750.	1	1497.1	0.0	1497.1	1497.1	1	0.1	0.1	0.1	1	4.23	0.00	4.23	4.23	1	-0.09	-0.09	-0.09
2000.	1	1499.3	0.0	1499.3	1499.3	1	0.2	0.2	0.2	1	3.78	0.00	3.78	3.78	1	-0.06	-0.06	-0.06

SUMMARY FOR ONE DEGREE SQUARE 7 OF MARSDEN SQUARE 115 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1524.0	2.8	1530.1	1521.5	0	0.0	0.0	0.0	9	20.01	0.98	22.28	19.06	0	0.00	0.00	0.00
10.	8	1524.2	2.8	1530.2	1521.7	8	0.5	0.6	0.3	9	20.01	0.97	22.25	19.07	9	0.00	0.06	-0.09
20.	9	1524.4	2.6	1530.4	1521.8	8	0.6	1.5	0.3	9	20.03	0.97	22.25	19.09	9	0.06	0.27	-0.06
30.	9	1524.7	2.6	1530.5	1522.0	9	0.5	2.1	0.3	9	20.05	0.99	22.26	19.08	9	0.06	0.67	-0.05
50.	9	1524.8	2.7	1530.9	1522.3	9	0.1	1.0	-1.1	9	20.00	0.99	22.26	19.06	9	-0.14	-0.03	-0.54
75.	9	1524.9	2.6	1530.9	1522.6	8	0.0	0.5	-1.2	9	19.89	0.95	22.12	19.04	9	1.40	14.33	-0.61
100.	9	1524.7	2.1	1529.3	1522.6	9	-0.4	0.6	-3.0	9	19.65	0.76	21.34	18.90	9	-0.35	0.02	-1.39
125.	9	1524.5	1.5	1527.1	1522.6	9	-0.2	0.4	-2.7	9	19.42	0.56	20.36	19.75	9	-0.26	-0.04	-1.19
150.	9	1524.4	1.3	1527.2	1522.6	9	0.1	0.8	-1.4	9	19.25	0.48	20.26	18.62	9	-0.18	-0.06	-0.64
200.	9	1524.4	0.6	1525.1	1523.2	9	-0.1	0.5	-1.9	9	18.94	0.21	19.18	18.54	9	-0.21	-0.02	-0.87
250.	9	1524.3	0.8	1525.5	1523.2	9	-0.0	0.3	-0.3	9	18.63	0.28	19.05	18.27	9	-0.20	-0.07	-0.30
300.	9	1524.0	0.7	1525.6	1523.3	9	-0.1	0.4	-0.5	9	18.27	0.26	18.80	18.01	9	-0.20	-0.08	-0.36
400.	9	1523.9	0.5	1524.8	1523.2	9	-0.1	0.4	-1.1	9	17.68	0.18	17.98	17.46	9	-0.20	-0.05	-0.55
500.	8	1522.6	1.2	1524.3	1520.6	8	-0.7	-0.2	-1.4	8	16.76	0.38	17.28	16.15	8	-0.38	-0.21	-0.54
600.	8	1518.9	1.4	1520.9	1516.7	8	-1.2	-0.8	-1.5	8	15.13	0.41	15.72	14.49	8	-0.51	-0.39	-0.60
700.	5	1513.8	1.5	1515.7	1511.5	5	-1.8	-1.5	-2.0	5	13.17	0.43	13.71	12.52	5	-0.65	-0.56	-0.73
800.	3	1508.9	1.7	1510.8	1507.7	3	-1.8	-1.5	-2.0	3	11.32	0.47	11.86	11.01	3	-0.63	-0.56	-0.71
900.	2	1502.9	2.3	1504.5	1501.2	2	-1.8	-1.2	-2.4	2	9.29	0.62	9.72	8.85	2	-0.57	-0.40	-0.74
1000.	2	1498.5	4.1	1501.4	1495.6	2	-1.2	-0.9	-1.5	2	7.74	1.05	8.48	6.99	2	-0.45	-0.38	-0.52
1100.	2	1496.0	4.1	1498.9	1493.1	2	-0.7	-0.6	-0.8	2	6.68	1.03	7.40	5.95	2	-0.31	-0.28	-0.33
1200.	2	1494.5	3.5	1496.9	1492.0	2	-0.3	-0.6	-0.6	2	5.86	0.86	6.47	5.25	2	-0.22	-0.15	-0.28
1300.	2	1493.8	2.3	1495.4	1492.1	2	-0.2	0.0	-0.5	2	5.29	0.57	5.69	4.88	2	-0.18	-0.11	-0.24
1400.	2	1493.6	1.6	1494.7	1492.5	2	0.1	0.1	0.1	2	4.83	0.37	5.09	4.57	2	-0.10	-0.08	-0.13
1500.	2	1494.1	1.1	1494.8	1493.3	2	0.1	0.2	0.0	2	4.54	0.27	4.73	4.35	2	-0.09	-0.07	-0.11
1750.	2	1496.0	0.5	1496.3	1495.6	2	0.5	0.5	0.5	2	3.99	0.12	4.07	3.90	2	-0.03	-0.03	-0.03
2000.	2	1497.1	0.4	1499.4	1498.8	2	0.4	0.4	0.4	2	3.74	0.11	3.81	3.66	2	-0.03	-0.03	-0.03
2500.	2	1505.5	0.0	1505.5	1505.5	2	0.4	0.4	0.4	2	3.24	0.01	3.24	3.23	2	-0.03	-0.03	-0.04
3000.	1	1512.0	0.0	1512.0	1512.0	1	0.4	0.4	0.4	1	2.76	0.00	2.76	2.76	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 8 OF MARSDEN SQUARE 115 FOR MONTH 2

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1523.	1.3	1524.9	1521.8	0	0.0	0.49	20.66	19.21	0	0.00	0.00	0.00
10.	12	1523.6	1.4	1525.1	1521.6	12	0.3	0.53	20.71	19.07	13	-0.04	0.15	-0.67
20.	12	1523.8	1.4	1525.2	1521.3	12	0.3	0.56	20.75	18.89	13	-0.05	0.12	-0.55
30.	13	1524.1	1.7	1526.6	1521.0	13	0.3	0.59	20.76	18.75	13	-0.07	-0.03	-0.46
40.	13	1524.2	1.8	1526.9	1520.9	13	0.3	0.65	20.74	18.60	13	-0.11	0.02	-0.50
75.	13	1524.3	2.0	1527.1	1521.3	13	0.0	0.70	20.67	18.59	13	-0.15	0.01	-0.38
100.	13	1524.4	2.0	1527.1	1521.7	13	-0.2	0.72	20.51	18.59	13	-0.22	-0.06	-1.37
125.	13	1524.5	1.9	1526.9	1521.4	13	-0.1	0.66	20.24	18.52	13	-0.21	0.01	-1.16
150.	13	1524.1	1.7	1526.5	1522.3	13	-0.4	0.58	19.99	18.50	13	-0.31	-0.01	-1.07
200.	12	1523.7	1.0	1525.8	1522.8	12	0.0	0.36	19.46	18.42	12	-0.16	-0.01	-0.32
250.	12	1523.7	0.6	1525.0	1523.0	12	0.0	0.20	18.87	18.22	12	-0.17	-0.01	-0.44
300.	11	1523.6	0.4	1524.7	1523.2	11	0.1	0.15	18.49	17.98	12	-0.16	-0.06	-0.32
400.	11	1523.6	0.4	1524.6	1523.0	11	0.0	0.15	17.92	17.40	12	-0.14	-0.09	-0.22
500.	11	1522.4	0.9	1524.0	1520.3	11	-0.6	0.29	17.18	16.05	12	-0.35	-0.25	-0.61
600.	9	1518.6	1.3	1520.7	1516.4	9	-1.4	0.36	15.68	14.40	10	-0.59	-0.45	-0.70
700.	9	1512.6	1.1	1514.6	1510.9	9	-1.9	0.30	13.39	12.36	10	-0.71	-0.64	-0.84
800.	3	1506.0	1.4	1507.2	1504.5	3	-2.1	0.37	10.86	10.15	3	-0.73	-0.70	-0.75
900.	1	1499.3	0.0	1499.3	1499.3	1	-2.3	0.00	8.35	8.35	1	-0.74	-0.74	-0.74
1000.	1	1494.1	0.0	1494.1	1494.1	1	-0.8	0.00	6.61	6.61	1	-0.33	-0.33	-0.33
1100.	1	1492.1	0.0	1492.1	1492.1	1	-0.5	0.00	5.69	5.69	1	-0.25	-0.25	-0.25
1200.	1	1491.3	0.0	1491.3	1491.3	1	0.0	0.00	5.09	5.09	1	-0.13	-0.13	-0.13
1300.	1	1491.4	0.0	1491.4	1491.4	1	0.0	0.00	4.72	4.72	1	-0.11	-0.11	-0.11
1400.	1	1491.8	0.0	1491.8	1491.8	1	0.2	0.00	4.43	4.43	1	-0.07	-0.07	-0.07
1500.	1	1492.6	0.0	1492.6	1492.6	1	0.2	0.00	4.22	4.22	1	-0.06	-0.06	-0.06
1750.	1	1495.2	0.0	1495.2	1495.2	1	0.3	0.00	3.83	3.83	1	-0.04	-0.04	-0.04
2000.	1	1498.3	0.0	1498.3	1498.3	1	0.4	0.00	3.56	3.56	1	-0.02	-0.02	-0.02
2500.	1	1505.2	0.0	1505.2	1505.2	1	0.4	0.00	3.19	3.19	1	-0.03	-0.03	-0.03
3000.	1	1512.5	0.0	1512.5	1512.5	1	0.5	0.00	2.87	2.87	1	-0.02	-0.02	-0.02
4000.	1	1528.0	0.0	1528.0	1528.0	0	0.0	0.00	2.43	2.43	0	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 14 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	24	1535.3	1.4	1541.3	1537.5	0	0.0	0.0	0.0	24	26.27	0.57	27.10	25.60	0	0.00	0.00	0.00
10-	24	1539.5	1.4	1541.5	1537.6	24	0.6	3.0	-0.3	24	26.28	0.58	27.12	25.60	24	0.02	0.61	-0.27
20-	24	1539.7	1.4	1541.7	1537.8	24	0.5	1.8	-0.4	24	26.28	0.59	27.12	25.58	24	-0.00	0.37	-0.35
30-	24	1539.5	1.6	1541.8	1536.4	24	-3.2	0.9	-12.2	24	26.08	0.71	27.10	24.75	24	-1.67	0.39	-5.13
50-	24	1535.3	2.2	1539.8	1531.0	21	-12.2	-3.2	-33.5	24	24.10	0.94	26.03	22.33	23	-5.57	-1.71	-15.13
75-	24	1528.9	1.1	1531.8	1526.2	24	-5.6	-3.0	-8.2	24	21.35	0.44	22.48	20.36	24	-2.35	-1.52	-3.43
100-	24	1525.7	1.1	1529.2	1523.6	24	-2.8	-1.5	-4.5	24	20.02	0.39	21.30	19.26	24	-1.25	-0.61	-1.93
125-	24	1524.1	0.8	1527.3	1522.6	24	-1.9	-1.2	-3.0	24	19.50	0.30	20.45	18.79	24	-0.85	-0.57	-1.13
150-	24	1523.2	0.6	1525.9	1522.2	24	-0.8	-0.3	-1.5	24	18.84	0.23	19.79	18.51	24	-0.42	-0.10	-0.74
200-	24	1522.8	0.1	1523.6	1522.5	24	-0.1	0.8	-1.3	24	16.42	0.09	18.70	18.30	24	-0.22	-0.06	-0.64
250-	24	1522.7	0.2	1523.1	1521.8	23	-0.1	0.2	-1.1	24	18.11	0.10	18.24	17.41	24	-0.18	-0.06	-0.50
300-	24	1522.8	0.4	1523.2	1521.0	24	0.2	1.0	-0.2	24	17.67	0.14	18.02	17.29	24	-0.09	-0.04	-0.23
400-	24	1523.2	1.0	1524.2	1519.4	24	0.0	0.2	-0.7	24	17.47	0.31	17.81	16.29	24	-0.13	-0.03	-0.35
500-	24	1522.1	1.8	1524.4	1517.0	23	-0.6	0.2	-1.5	24	16.60	0.57	17.35	15.06	24	-0.34	-0.11	-0.52
600-	24	1518.3	2.4	1522.9	1512.9	23	-1.4	-0.5	-2.3	24	14.96	0.72	16.34	13.38	24	-0.58	-0.31	-0.84
700-	24	1512.6	2.9	1518.1	1507.1	24	-1.8	-0.7	-2.8	24	12.85	0.82	14.43	11.29	24	-0.65	-0.30	-0.89
800-	22	1506.4	3.0	1511.7	1501.2	22	-2.1	-1.7	-2.5	24	10.61	0.79	12.11	9.24	24	-0.72	-0.40	-0.61
900-	21	1500.1	2.4	1504.1	1496.0	21	-2.0	-1.3	-2.7	24	8.47	0.64	9.81	7.51	24	-0.65	-0.46	-0.51
1000-	21	1495.5	1.4	1497.8	1493.1	21	-1.1	-0.5	-1.9	24	6.91	0.38	7.56	6.35	24	-0.40	-0.18	-0.62
1100-	21	1493.2	1.0	1495.2	1491.3	21	-0.6	0.2	-1.2	24	5.93	0.28	6.46	5.46	24	-0.25	-0.06	-0.44
1200-	21	1492.3	0.7	1493.8	1491.4	20	-0.2	0.1	-0.8	24	5.33	0.18	5.71	5.10	24	-0.17	-0.08	-0.31
1300-	21	1492.2	0.6	1493.1	1491.1	21	0.1	0.5	-0.3	24	4.91	0.13	5.10	4.65	24	-0.11	-0.05	-0.25
1400-	21	1492.7	0.5	1493.4	1491.7	21	0.2	0.4	0.0	24	4.62	0.12	4.79	4.39	24	-0.08	-0.04	-0.12
1500-	20	1493.5	0.5	1494.3	1492.5	20	0.3	0.4	0.1	23	4.39	0.12	4.60	4.19	23	-0.06	-0.03	-0.09
1750-	19	1496.1	0.4	1496.7	1495.4	19	0.3	0.4	0.2	22	4.02	0.10	4.17	3.88	22	-0.04	-0.03	-0.07
2000-	17	1499.0	0.2	1499.5	1498.5	16	0.4	0.4	0.3	20	3.73	0.06	3.85	3.61	20	-0.03	-0.01	-0.05
2500-	15	1505.3	0.0	1505.6	1505.0	15	0.4	0.4	0.4	17	3.21	0.04	3.28	3.13	17	-0.03	-0.02	-0.04
3000-	15	1511.8	0.0	1512.0	1511.5	15	0.4	0.4	0.4	17	2.72	0.04	2.81	2.65	17	-0.03	-0.02	-0.04
4000-	11	1527.3	0.0	1527.6	1527.1	11	0.5	0.5	0.5	12	2.27	0.02	2.31	2.23	12	-0.01	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 15 OF MARSDEN SQUARE 115 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1542.5	0.7	1543.7	1541.6	0	0.0	0.32	28.43	27.49	0	0.00	0.00	0.00
10.	12	1542.3	0.1	1542.6	1542.1	12	-1.2	0.10	27.04	27.49	12	-0.89	0.43	-3.61
20.	12	1540.6	1.7	1542.4	1538.0	11	-6.2	0.77	27.60	25.57	12	-2.93	-0.30	-9.23
30.	12	1537.8	2.5	1542.0	1535.4	12	-8.2	1.11	27.29	24.37	12	-4.01	-0.34	-7.80
50.	12	1522.3	1.0	1533.7	1530.5	12	-6.8	0.43	23.52	22.19	12	-3.15	-2.30	-5.71
75.	12	1527.8	0.9	1529.0	1526.5	12	-4.4	0.33	21.46	20.48	12	-1.99	-1.22	-2.51
100.	12	1525.1	0.5	1525.9	1524.2	12	-2.6	0.21	20.11	19.51	12	-1.11	-0.61	-1.79
125.	12	1523.9	0.4	1524.4	1523.3	12	-1.5	0.15	19.44	19.03	12	-0.75	-0.55	-0.94
150.	12	1523.1	0.3	1523.5	1522.6	12	-0.7	0.12	18.97	18.63	12	-0.42	-0.28	-0.61
200.	12	1523.0	0.2	1523.2	1522.6	12	0.2	0.07	18.57	18.38	12	-0.14	-0.32	-0.23
250.	12	1523.3	0.0	1523.5	1523.0	12	0.2	0.05	18.38	18.22	12	-0.10	-0.33	-0.13
300.	12	1523.4	0.1	1523.9	1523.1	11	0.1	0.07	18.24	17.98	12	-0.16	-0.38	-0.43
400.	12	1524.0	0.0	1524.3	1523.7	12	-0.3	0.06	17.80	17.59	12	-0.24	-0.55	-1.21
500.	12	1524.8	0.0	1525.0	1524.6	11	0.3	0.04	17.51	17.40	12	-0.06	-0.52	-0.11
600.	12	1523.7	0.9	1525.1	1521.9	12	-0.6	0.27	17.03	15.04	12	-0.35	-0.18	-0.52
700.	11	1519.5	1.3	1521.2	1516.5	11	-1.5	0.38	15.35	13.96	12	-0.60	-0.45	-0.75
800.	10	1513.4	1.2	1515.2	1511.5	10	-1.9	0.31	13.11	12.07	11	-0.69	-0.58	-0.94
900.	9	1506.5	1.7	1508.7	1504.1	9	-2.2	0.44	10.65	9.60	10	-0.73	-0.54	-0.94
1000.	7	1499.4	1.8	1501.5	1497.0	7	-2.1	0.47	8.48	7.35	7	-0.69	-0.53	-0.77
1100.	4	1494.7	0.8	1495.6	1493.8	4	-1.2	0.19	6.58	6.13	4	-0.44	-0.37	-0.53
1200.	4	1492.8	0.9	1494.1	1492.0	4	-0.5	0.22	5.77	5.26	4	-0.24	-0.20	-0.29
1300.	4	1492.3	1.0	1493.6	1491.3	4	-0.2	0.23	5.23	4.68	4	-0.10	-0.12	-0.22
1400.	4	1492.5	1.1	1493.8	1491.1	4	0.1	0.27	4.99	4.24	4	-0.11	-0.09	-0.23
1500.	3	1493.5	0.8	1494.3	1492.7	3	0.3	0.19	4.60	4.23	3	-0.05	-0.30	-0.34
1750.	2	1496.2	0.1	1496.2	1496.1	2	0.3	0.03	4.07	4.03	2	-0.05	-0.34	-0.36

SUMMARY FOR ONE DEGREE SQUARE 24 OF MARSDEN SQUARE 115 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	20	1534.3	2.5	1538.3	1530.1	0	0.0	0.0	0.0	1.04	25.40	22.38	0	0.00	0.00	0.00
10.	20	1533.2	2.4	1537.7	1529.2	20	-3.5	0.6	-19.5	1.02	25.54	21.97	20	-1.68	0.15	-8.38
20.	20	1531.5	2.9	1536.9	1526.6	20	-5.1	-1.5	-16.2	1.17	25.12	20.38	20	-2.28	-0.46	-6.61
30.	20	1529.9	3.4	1536.4	1522.9	20	-5.2	1.8	-11.6	1.39	24.84	19.46	20	-2.29	0.30	-4.75
50.	20	1527.1	4.2	1535.7	1518.7	20	-3.6	1.4	-9.1	1.61	24.27	17.87	20	-1.53	0.29	-3.51
75.	20	1524.8	3.0	1532.1	1518.8	20	-2.3	0.1	-5.2	1.11	22.70	17.74	20	-1.04	-0.16	-2.12
100.	20	1523.4	2.5	1529.1	1518.9	20	-0.8	-0.5	-3.0	0.89	21.33	17.65	20	-0.46	-0.15	-1.22
125.	20	1523.0	2.0	1527.2	1519.3	20	-0.5	0.5	-2.3	0.69	20.41	17.65	20	-0.37	-0.06	-1.12
150.	20	1522.7	1.6	1525.9	1519.8	20	-0.2	0.6	-0.9	0.56	19.76	17.66	20	-0.25	0.01	-0.44
200.	20	1522.5	1.1	1524.6	1520.6	20	0.1	3.0	-1.0	0.40	19.04	17.66	20	-0.18	-0.08	-0.61
250.	20	1522.6	0.8	1524.3	1521.3	20	0.1	0.5	-0.5	0.27	18.65	17.63	20	-0.12	-0.01	-0.34
300.	20	1522.9	0.6	1524.2	1521.9	19	0.4	1.5	0.2	0.22	18.33	17.59	19	-0.04	-0.01	-0.11
400.	20	1523.6	0.6	1524.7	1522.8	20	0.1	0.5	-0.6	0.21	17.94	17.34	20	-0.10	-0.03	-0.18
500.	20	1523.2	1.2	1525.0	1521.9	17	-0.4	0.5	-1.0	0.39	17.51	16.54	19	-0.26	-0.02	-0.46
600.	19	1520.4	1.8	1525.3	1517.5	18	-1.4	-0.6	-3.0	0.55	17.08	14.71	18	-0.58	-0.38	-1.07
700.	19	1515.4	2.0	1520.2	1511.8	18	-1.7	-0.8	-2.5	0.58	15.04	12.60	18	-0.62	-0.37	-0.91
800.	19	1508.9	2.1	1513.0	1503.8	18	-2.5	-0.9	-4.1	0.59	12.46	9.96	18	-0.83	-0.40	-1.22
900.	17	1501.8	2.6	1506.8	1494.5	16	-1.8	2.4	-2.8	0.67	10.31	7.10	16	-0.61	0.58	-0.87
1000.	16	1497.0	2.8	1502.7	1489.4	15	-1.5	-0.7	-4.4	0.72	8.84	5.43	16	-0.50	-0.20	-1.39
1100.	15	1493.6	1.8	1495.9	1488.9	15	-0.6	-0.2	-1.0	0.45	6.63	4.90	16	-0.29	-0.14	-0.47
1200.	14	1492.4	1.3	1494.7	1489.3	13	-0.3	-0.1	-0.6	0.33	5.90	4.60	15	-0.19	-0.01	-0.30
1300.	14	1492.0	0.9	1493.8	1490.8	14	-0.1	0.5	-0.3	0.21	5.28	4.56	15	-0.14	-0.01	-0.21
1400.	14	1492.3	0.5	1493.3	1491.3	13	0.2	0.4	-0.2	0.13	4.76	4.28	14	-0.09	-0.02	-0.16
1500.	13	1493.0	0.4	1493.6	1492.0	13	0.2	0.5	-0.0	0.10	4.43	4.04	14	-0.07	-0.04	-0.13
1750.	10	1495.4	0.4	1496.0	1494.7	10	0.3	0.4	0.2	0.38	0.10	3.70	11	-0.05	-0.03	-0.08
2000.	6	1498.7	0.3	1499.0	1498.2	5	0.4	0.4	0.4	0.66	0.06	3.73	7	-0.03	-0.02	-0.04
2500.	4	1505.6	0.2	1505.8	1505.4	3	0.4	0.4	0.4	0.25	0.05	3.31	5	-0.03	-0.02	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2.80	0.03	2.82	2	-0.03	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 24 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1538.8	0.9	1540.6	1536.7	7	0	0.0	0.0	0.29	26.90	25.20	0	0.00	0.00	0.00	0.00	0.00
10.	13	1538.8	0.9	1540.8	1536.7	7	13	-0.3	0.6	0.28	26.78	25.10	34	-0.31	0.06	-3.11	0.06	-3.11
20.	13	1538.6	1.1	1540.8	1536.3	3	13	-0.4	0.9	0.40	26.72	24.67	34	-0.40	0.06	-2.90	0.06	-2.90
30.	13	1538.3	1.5	1541.0	1534.9	9	13	-1.3	0.6	0.57	26.74	24.03	34	-0.85	0.09	-7.01	0.09	-7.01
50.	13	1537.1	2.6	1540.3	1532.4	4	13	-5.0	0.6	1.05	26.25	22.43	35	-2.93	0.06	-8.08	0.06	-8.08
75.	14	1531.2	2.6	1534.6	1525.6	6	14	-5.6	-0.6	0.71	23.66	20.11	35	-2.41	-0.37	-3.60	-0.37	-3.60
100.	14	1527.7	2.1	1530.9	1523.3	3	13	-3.4	-0.9	0.58	22.00	19.11	35	-1.16	-0.46	-2.93	-0.46	-2.93
125.	14	1525.6	1.8	1528.9	1522.7	7	14	-2.3	-0.7	0.46	21.06	18.78	35	-0.97	-0.40	-1.56	-0.40	-1.56
150.	14	1524.1	1.0	1525.7	1522.5	5	14	-1.7	0.6	0.27	19.75	18.55	35	-0.79	-0.10	-3.32	-0.10	-3.32
200.	14	1523.8	0.4	1523.8	1522.2	2	13	-0.1	0.8	0.18	18.75	17.92	35	-0.10	-0.04	-0.57	-0.04	-0.57
250.	14	1522.9	0.3	1523.6	1522.4	4	14	0.2	0.4	0.13	18.40	17.67	35	-0.08	-0.31	-0.21	-0.31	-0.21
300.	14	1523.2	0.1	1523.5	1522.9	9	14	0.2	0.8	0.14	18.09	17.40	35	-0.09	-0.04	-0.19	-0.04	-0.19
400.	14	1523.6	0.2	1524.0	1522.9	9	14	0.1	0.6	0.20	17.73	16.76	35	-0.11	-0.03	-0.30	-0.03	-0.30
500.	14	1523.2	0.6	1524.1	1522.1	1	13	-0.3	0.1	0.34	17.22	15.52	35	-0.21	-0.10	-0.54	-0.10	-0.54
600.	14	1520.4	1.3	1522.6	1517.8	8	14	-1.2	-0.5	0.57	16.24	13.58	34	-0.53	-0.32	-0.76	-0.32	-0.76
700.	14	1515.3	1.7	1517.2	1511.0	0	14	-1.8	-1.2	0.69	14.15	10.34	34	-0.69	-0.16	-1.21	-0.16	-1.21
800.	14	1508.7	2.0	1511.4	1504.2	2	14	-2.2	-1.4	0.60	12.04	9.12	34	-0.80	-0.37	-1.03	-0.37	-1.03
900.	14	1502.0	2.0	1505.3	1497.8	6	14	-1.8	-1.4	0.56	9.96	7.07	34	-0.61	-0.47	-0.78	-0.47	-0.78
1000.	14	1496.9	1.8	1501.1	1493.6	6	13	-1.3	-0.8	0.41	8.39	5.90	34	-0.42	-0.17	-0.62	-0.17	-0.62
1100.	14	1493.9	1.5	1497.6	1491.4	4	14	-0.7	-0.3	0.29	7.07	5.43	33	-0.29	-0.14	-0.40	-0.14	-0.40
1200.	14	1492.7	1.3	1496.1	1490.5	5	13	-0.0	0.5	0.24	6.28	4.88	32	-0.13	-0.02	-0.23	-0.02	-0.23
1300.	14	1492.7	0.9	1495.1	1491.5	5	14	-0.0	0.4	0.49	5.61	4.59	32	-0.12	-0.02	-0.20	-0.02	-0.20
1400.	14	1492.9	0.9	1494.5	1491.8	8	14	0.1	0.4	0.42	5.06	4.43	32	-0.11	-0.02	-0.17	-0.02	-0.17
1500.	14	1493.4	0.9	1496.0	1492.5	5	14	0.2	0.5	0.15	5.00	4.19	32	-0.09	-0.02	-0.13	-0.02	-0.13
1750.	11	1495.4	0.2	1495.7	1494.7	7	11	0.3	0.4	0.09	4.04	3.67	29	-0.05	-0.03	-0.08	-0.03	-0.08
2000.	2	1498.7	0.0	1493.7	1498.7	7	2	0.4	0.4	0.03	3.69	3.62	5	-0.04	-0.03	-0.05	-0.03	-0.05
2500.	2	1505.4	0.2	1505.5	1505.2	2	2	0.4	0.4	0.04	3.23	3.18	2	-0.03	-0.03	-0.03	-0.03	-0.03
3000.	1	1511.8	0.0	1511.8	1511.8	8	1	0.5	0.5	0.00	2.70	2.70	1	-0.03	-0.03	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 25 OF MARSDEN SQUARE 115 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	C	NO	AVG	S D	MAX	MIN			
0.	10	1535.4	2.8	1539.1	1530.3	0	0.0	0.0	0.0	0.00	18	24.80	0.92	25.98	22.48			
10.	10	1533.2	1.8	1535.3	1529.8	10	-6.9	2.7	-13.1	18	23.57	0.56	24.41	22.21	18	-3.79	0.85	-5.67
20.	10	1530.8	1.8	1532.4	1526.8	10	-7.1	-2.4	-10.1	18	22.41	0.54	23.13	20.99	18	-3.53	-1.22	-4.48
30.	10	1528.6	1.8	1530.3	1524.8	10	-6.9	-0.6	-8.5	18	21.38	0.56	22.20	20.17	18	-3.18	-0.55	-3.81
50.	10	1524.8	2.0	1529.0	1522.3	10	-4.1	-1.6	-7.3	39	19.85	0.52	21.55	19.09	38	-1.15	-0.61	-2.93
75.	10	1523.0	1.1	1524.9	1521.8	10	-2.1	-0.6	-5.1	39	19.14	0.31	19.93	18.68	39	-0.84	-0.41	-2.10
100.	10	1521.9	0.7	1523.1	1521.1	10	0.1	3.0	-0.9	39	18.65	0.19	19.07	18.37	39	-0.24	-0.08	-0.55
125.	10	1521.8	0.5	1522.8	1521.1	10	-0.1	0.2	-0.5	39	18.49	0.13	18.83	18.24	39	-0.19	-0.06	-0.33
150.	10	1521.8	0.4	1522.6	1521.1	10	0.0	0.2	-0.2	39	18.36	0.09	18.61	18.11	39	-0.17	-0.06	-0.27
200.	10	1522.0	0.3	1522.3	1521.3	10	0.7	1.5	0.1	39	18.16	0.06	18.23	17.91	39	-0.03	-0.03	-0.13
250.	10	1522.5	0.2	1522.8	1521.8	10	0.3	0.5	0.1	39	18.09	0.07	18.19	17.81	39	-0.04	-0.01	-0.12
300.	11	1522.9	0.2	1523.2	1522.4	11	0.1	0.4	0.1	39	17.94	0.07	18.06	17.71	39	-0.13	-0.06	-0.20
400.	10	1523.1	0.2	1523.6	1522.6	10	0.1	0.4	0.2	39	17.47	0.06	17.57	17.28	39	-0.08	-0.03	-0.23
500.	10	1522.3	0.7	1523.2	1521.4	10	-0.8	-0.1	-1.4	39	16.80	0.15	17.02	16.37	39	-0.32	-0.19	-0.61
600.	10	1519.1	1.2	1520.7	1517.5	9	-1.2	-1.0	-1.5	39	15.40	0.23	15.67	14.70	38	-0.54	-0.04	-0.75
700.	10	1514.5	1.2	1516.2	1512.5	10	-1.6	-1.0	-2.2	39	13.52	0.35	13.02	12.78	39	-0.61	-0.43	-1.52
800.	10	1508.3	1.2	1509.9	1506.4	9	-2.2	-1.9	-2.7	39	11.26	0.23	11.69	10.64	38	-0.78	-0.51	-0.94
900.	10	1501.8	0.8	1502.8	1500.6	9	-1.8	-1.2	-2.2	39	8.99	0.18	9.36	8.69	38	-0.64	-0.44	-0.77
1000.	10	1497.0	0.8	1498.2	1495.8	10	-1.4	-0.4	-3.0	39	7.16	0.18	7.68	6.77	39	-0.53	-0.26	-0.65
1100.	10	1494.1	1.2	1495.3	1492.5	10	-0.6	-0.3	-2.9	39	5.90	0.23	6.48	5.60	39	-0.29	-0.16	-0.41
1200.	10	1492.7	0.9	1494.0	1491.5	9	-0.2	-0.2	-0.4	39	5.21	0.19	5.73	4.96	39	-0.17	-0.08	-0.24
1300.	8	1492.6	0.6	1493.5	1491.9	8	-0.1	0.1	-0.3	8	5.00	0.15	5.21	4.93	8	-0.15	-0.10	-0.20
1400.	8	1492.6	0.7	1493.7	1491.8	7	0.0	0.3	-0.2	8	4.60	0.17	4.86	4.42	7	-0.12	-0.08	-0.16
1500.	8	1493.1	0.7	1494.1	1492.2	7	0.2	0.4	0.1	8	4.31	0.17	4.55	4.11	7	-0.08	-0.03	-0.10
1750.	5	1495.6	0.4	1496.1	1495.0	4	0.3	0.4	0.3	5	3.91	0.09	4.04	3.79	4	-0.04	-0.03	-0.05
2000.	4	1498.6	0.3	1498.9	1498.2	4	0.4	0.5	0.4	4	3.63	0.07	3.70	3.54	4	-0.03	-0.03	-0.04
2500.	1	1505.8	0.0	1505.8	1505.8	1	0.5	0.5	0.5	1	3.30	0.00	3.30	3.30	1	-0.02	-0.02	-0.02
3000.	1	1512.6	0.0	1512.6	1512.6	1	0.4	0.4	0.4	1	2.89	0.00	2.89	2.89	1	-0.03	-0.03	-0.03
4000.	1	1527.6	0.0	1527.6	1527.6	1	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 25 OF MARSTON SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT							
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1538.1	1.2	1539.5	1536.3	0	0.0	0.0	0.0	0.0	8	25.66	0.45	26.15	24.91	0	0	0.00	0.00	0.00
10.	8	1538.1	1.3	1539.7	1536.4	8	0.1	0.9	0.0	-0.9	8	25.60	0.46	26.15	24.88	8	8	-0.19	0.10	-0.07
20.	8	1538.2	1.3	1539.9	1536.5	8	0.1	0.9	-1.5	0.9	8	25.54	0.47	26.16	24.90	8	8	-0.12	0.12	-0.09
30.	8	1538.2	1.3	1540.0	1536.4	8	0.1	1.2	-2.4	1.2	8	25.48	0.51	26.16	24.87	8	8	-0.19	0.15	-1.22
50.	8	1537.6	1.3	1539.1	1535.5	8	-3.7	6.1	-13.2	-13.2	8	25.05	0.57	25.72	24.04	9	9	-1.89	2.13	-5.89
75.	8	1533.3	2.8	1537.3	1529.0	8	-6.9	-4.7	-11.5	-11.5	8	23.07	1.14	24.67	21.42	8	8	-3.11	-2.17	-4.84
100.	8	1529.1	2.9	1532.5	1523.8	8	-3.7	-1.5	-6.0	-6.0	8	21.25	1.07	22.57	19.32	8	8	-1.66	-0.76	-2.77
125.	8	1526.7	2.3	1529.7	1522.8	8	-2.7	-1.2	-3.4	-3.4	8	20.21	0.83	21.30	18.82	8	8	-1.17	-0.61	-1.41
150.	8	1525.1	1.9	1527.7	1522.4	8	-1.7	-1.0	-2.9	-2.9	8	19.48	0.67	20.39	18.54	8	8	-0.77	-0.17	-1.24
200.	8	1523.5	1.1	1524.9	1522.3	8	-0.7	0.4	-2.0	-2.0	8	18.64	0.37	19.15	18.26	8	8	-0.40	-0.04	-0.67
250.	8	1523.0	0.3	1523.5	1522.4	8	-0.1	0.4	-0.9	-0.9	8	18.20	0.12	18.39	18.00	8	8	-0.22	-0.03	-0.48
300.	8	1523.4	0.3	1523.6	1522.6	8	0.1	0.2	0.0	0.0	8	17.93	0.11	18.14	17.80	8	8	-0.13	-0.06	-0.23
400.	8	1523.0	1.3	1524.2	1520.4	8	-0.2	0.3	-1.4	-1.4	8	16.93	0.38	17.23	16.10	8	8	-0.10	-0.04	-0.14
500.	8	1520.4	2.5	1523.4	1515.2	7	-1.2	-0.4	-2.0	-2.0	8	15.57	0.74	16.49	14.06	8	8	-0.51	-0.27	-0.74
600.	7	1514.8	3.4	1519.0	1508.0	6	-1.7	-1.2	-2.3	-2.3	8	13.57	0.94	14.65	11.54	7	7	-0.62	-0.50	-0.74
700.	7	1508.4	3.7	1512.4	1501.1	6	-2.1	-1.6	-2.6	-2.6	8	11.36	1.00	12.36	9.26	7	7	-0.71	-0.59	-0.86
800.	7	1502.2	3.5	1506.1	1495.5	7	-1.9	-1.5	-2.4	-2.4	8	9.29	0.97	10.46	7.39	8	8	-0.63	-0.55	-0.77
900.	7	1497.4	2.9	1501.5	1492.8	7	-1.2	-0.4	-1.9	-1.9	8	7.58	0.78	8.61	6.31	8	8	-0.45	-0.23	-0.63
1000.	7	1494.6	2.1	1497.4	1491.8	7	-0.7	-0.3	-1.2	-1.2	8	6.37	0.50	7.01	5.64	8	8	-0.35	-0.20	-0.55
1100.	6	1492.7	1.4	1494.5	1490.7	6	-0.6	-0.3	-1.1	-1.1	7	5.44	0.33	5.66	4.95	7	7	-0.24	-0.09	-0.33
1200.	5	1492.1	1.0	1493.3	1490.8	5	0.1	0.2	-0.4	-0.4	6	4.87	0.25	5.16	4.56	6	6	-0.15	-0.08	-0.22
1300.	5	1492.5	0.9	1493.9	1491.5	4	0.2	0.3	0.4	0.2	5	4.58	0.21	4.69	4.33	5	5	-0.10	-0.07	-0.16
1400.	4	1493.4	0.8	1494.5	1492.8	4	0.3	0.4	0.4	0.2	4	4.39	0.18	4.64	4.24	4	4	-0.08	-0.06	-0.11
1500.	3	1495.9	0.5	1496.4	1495.4	3	0.3	0.4	0.4	0.2	3	3.98	0.12	4.10	3.87	3	3	-0.05	-0.03	-0.03
1750.	2	1498.7	0.4	1498.9	1498.4	2	0.4	0.4	0.4	0.4	2	3.54	0.09	3.70	3.57	2	2	0.00	0.00	0.00
2000.	1	1505.4	0.0	1505.4	1505.4	0	0.0	0.0	0.0	0.0	1	3.22	0.00	3.22	3.22	1	1	-0.03	-0.03	-0.03
2500.	1	1512.2	0.0	1512.2	1512.2	1	0.4	0.4	0.4	0.4	1	2.80	0.00	2.80	2.80	1	1	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	2.29	0.00	2.29	2.29	1	1	-0.01	-0.01	-0.01
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	2.29	0.00	2.29	2.29	1	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 35 OF MARSDEN SQUARE 115 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1534.5	3.4	1539.8	1529.7	0	0.0	0.0	0.0	18	24.68	0.88	26.50	22.25	0	0.00	0.00	0.00
10.	6	1532.3	1.9	1535.0	1529.4	6	-7.1	-1.0	-14.6	18	23.27	0.61	24.33	22.05	18	-2.49	-0.43	-6.61
20.	6	1530.3	1.0	1531.2	1528.9	6	-5.9	-1.5	-11.6	18	22.56	0.59	23.32	21.73	18	-2.18	-0.43	-5.12
30.	6	1529.0	0.9	1530.6	1528.1	6	-2.8	-1.2	-4.3	18	21.98	0.68	23.68	21.03	15	-1.62	-0.43	-2.44
50.	19	1525.7	1.5	1529.2	1523.5	15	-3.1	-2.1	-4.3	119	20.54	0.80	22.35	18.99	96	-1.46	-0.51	-3.33
75.	19	1523.4	1.3	1526.4	1521.5	19	-2.8	-2.0	-5.1	123	19.58	0.78	21.90	15.52	123	-1.14	5.03	-2.44
100.	19	1521.9	1.1	1524.4	1520.5	19	-0.8	-0.3	-2.9	123	18.93	0.75	21.76	18.09	123	-0.49	0.06	-3.00
125.	19	1521.7	0.9	1523.6	1520.6	19	-0.2	0.1	-1.0	123	18.62	0.50	20.01	14.01	123	-0.38	0.09	-2.32
150.	19	1521.6	0.8	1523.3	1520.7	19	-0.1	0.2	-0.9	123	18.37	0.34	19.15	17.86	123	-0.29	0.09	-0.72
200.	19	1521.6	0.6	1523.0	1520.9	19	0.1	1.0	-0.4	123	18.04	0.19	18.53	17.64	122	-0.11	-0.01	-1.53
250.	19	1522.4	0.6	1523.4	1521.1	19	0.3	0.4	0.1	123	17.91	0.18	18.33	17.57	123	-0.07	-0.01	-0.33
300.	19	1522.0	0.6	1523.6	1521.2	19	0.2	0.6	0.1	123	17.77	0.16	18.13	17.35	123	-0.11	-0.02	-0.33
400.	19	1523.0	0.5	1523.9	1521.6	19	0.2	0.5	0.1	123	17.45	0.10	17.73	16.95	122	-0.07	-0.01	-0.33
500.	19	1522.6	0.9	1525.0	1521.3	19	-0.2	0.5	-0.8	123	17.00	0.34	17.50	16.34	123	-0.19	-0.00	-0.53
600.	19	1520.1	1.7	1525.9	1517.9	19	-1.3	0.3	-4.1	123	16.00	0.83	17.43	14.83	123	-0.39	-0.01	-1.32
700.	19	1515.0	2.5	1520.9	1509.6	19	-1.7	-1.0	-3.0	122	14.27	1.07	16.58	11.99	122	-0.67	-0.25	-2.37
800.	19	1509.0	2.6	1515.6	1503.6	19	-1.9	-1.5	-2.3	122	12.66	0.99	14.31	9.92	122	-0.64	0.47	-1.12
900.	19	1503.0	3.0	1513.6	1498.9	19	-1.8	-0.6	-2.5	122	10.66	1.29	12.56	8.26	121	-0.62	-0.03	-1.09
1000.	19	1497.8	2.8	1509.1	1495.6	19	-1.4	-0.5	-3.0	121	8.15	1.15	10.90	6.60	120	-0.59	-0.10	-1.72
1100.	19	1494.4	1.7	1500.9	1493.1	18	-0.8	-0.2	-2.2	119	6.63	0.69	8.06	5.94	119	-0.41	-0.17	-0.66
1200.	19	1492.7	0.8	1495.5	1491.7	19	-0.3	0.1	-1.0	115	5.61	0.34	6.37	5.19	115	-0.25	-0.02	-0.61
1300.	18	1492.3	0.5	1493.7	1491.5	18	-0.0	0.3	-0.4	96	4.98	0.17	5.42	4.73	86	-0.15	-0.03	-0.29
1400.	10	1492.6	0.5	1493.5	1492.4	10	0.1	0.3	-0.1	21	4.59	0.10	4.61	4.37	21	-0.10	-0.06	-0.13
1500.	7	1493.1	0.5	1493.9	1492.4	7	0.1	0.3	0.1	7	4.31	0.11	4.50	4.17	7	-0.08	-0.05	-0.13
1750.	3	1495.9	0.3	1496.1	1495.5	3	0.4	0.5	0.4	3	3.97	0.09	4.03	3.88	3	-0.02	-0.02	-0.04
2000.	2	1499.4	0.2	1499.5	1499.2	2	0.3	0.3	0.2	2	3.20	0.05	3.83	3.76	2	-0.06	-0.04	-0.04
2500.	2	1505.8	0.3	1506.0	1505.6	2	0.4	0.4	0.4	2	3.31	0.07	3.36	3.26	2	-0.03	-0.03	-0.03
3000.	2	1512.8	0.7	1513.3	1512.3	2	0.4	0.4	0.4	2	2.94	0.15	3.04	2.83	2	-0.02	-0.02	-0.03
4000.	2	1527.8	0.2	1527.9	1527.6	2	0.5	0.5	0.5	2	2.36	0.05	2.39	2.32	2	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 115 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	N/O	AVG	S/D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S/D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1534.7	2.1	1537.1	1532.1	0	0.0	0.0	0.0	24	24.47	0.69	25.30	23.25	0	0.00	0.00	0.00
10.	4	1533.2	2.1	1535.0	1530.3	4	-4.8	-3.0	-6.4	24	23.72	0.67	24.49	22.36	24	-2.29	-0.64	-4.04
20.	4	1531.7	2.2	1533.5	1528.7	4	-4.6	-3.0	-6.1	24	23.03	0.71	24.16	21.48	24	-2.11	-0.94	-3.44
30.	4	1530.3	2.3	1532.6	1527.1	4	-4.2	-2.7	-5.5	24	22.40	0.77	23.71	20.72	24	-1.93	-1.01	-2.83
50.	15	1525.9	2.3	1530.7	1522.8	13	-3.5	-1.5	-6.7	154	20.57	0.88	22.47	19.24	130	-1.44	-0.56	-2.74
75.	15	1523.5	2.4	1528.5	1520.4	15	-2.8	-1.8	-5.4	155	19.59	0.86	21.27	18.31	155	-1.19	0.02	-2.17
100.	15	1522.2	2.1	1526.5	1519.8	15	-0.9	-0.2	-3.0	155	18.94	0.77	20.44	17.95	155	-0.44	-0.06	-1.24
125.	15	1521.8	1.5	1524.7	1519.9	15	-0.4	0.2	-2.2	155	18.63	0.56	19.76	17.85	155	-0.38	-0.02	-0.96
150.	15	1521.5	1.0	1523.4	1520.0	15	-0.3	0.2	-1.6	155	18.37	0.40	19.50	17.75	155	-0.31	-0.01	-0.78
200.	15	1521.5	0.5	1522.4	1520.6	15	0.2	0.8	0.1	155	18.04	0.23	18.84	17.67	155	-0.11	-0.01	-3.73
250.	15	1522.1	0.5	1523.0	1521.4	15	0.3	0.5	0.2	155	17.91	0.44	18.37	13.25	155	-0.08	-0.01	-2.72
300.	15	1522.5	0.4	1523.3	1522.0	15	0.2	0.5	-0.3	155	17.77	0.48	18.19	12.27	155	-0.10	2.56	-0.88
400.	15	1523.1	0.3	1523.6	1522.4	15	0.3	0.8	0.1	155	17.44	0.15	17.81	16.82	155	-0.08	0.44	-0.47
500.	15	1523.4	1.4	1525.0	1521.1	15	-0.2	0.5	-1.0	155	17.03	0.44	17.51	16.07	155	-0.18	-0.01	-0.61
600.	15	1521.8	2.8	1526.5	1518.1	15	-0.9	0.4	-3.0	155	16.11	0.91	17.51	14.17	155	-0.37	0.04	-0.69
700.	15	1517.6	3.6	1524.7	1514.0	15	-1.7	-1.1	-3.0	155	14.47	1.13	17.82	12.20	155	-0.59	0.15	-1.14
800.	15	1511.9	3.8	1519.4	1507.7	15	-1.9	-0.9	-2.7	155	12.37	1.11	15.20	10.44	155	-0.65	-0.19	-1.40
900.	15	1505.9	4.4	1513.5	1501.5	15	-2.0	0.3	-3.0	155	10.31	1.26	12.76	8.57	153	-0.63	-0.05	-1.03
1000.	15	1500.0	3.9	1508.7	1495.7	15	-1.9	-1.2	-3.0	155	8.31	1.09	11.27	6.98	155	-0.62	-0.27	-1.28
1100.	15	1495.5	2.3	1499.6	1493.1	15	-1.3	-0.3	-3.0	153	6.69	0.61	8.69	5.86	153	-0.42	-0.13	-1.92
1200.	14	1493.5	1.0	1495.6	1492.4	14	-0.3	0.2	-1.0	145	5.71	0.30	7.02	5.16	145	-0.24	-0.02	-0.46
1300.	10	1492.8	0.5	1493.8	1492.1	10	-0.1	0.1	-0.5	89	5.07	0.15	5.57	4.81	89	-0.17	-0.08	-0.43
1400.	2	1492.6	0.2	1492.7	1492.4	1	0.1	0.1	0.1	10	4.58	0.09	4.72	4.44	9	-0.14	-0.09	-0.19
1500.	1	1493.5	0.0	1493.5	1493.5	1	0.2	0.2	0.2	2	4.32	0.13	4.41	4.23	2	-0.09	-0.07	-0.10
1750.	1	1495.6	0.0	1495.6	1495.6	1	0.3	0.3	0.3	1	3.90	0.00	3.90	3.90	1	-0.07	-0.07	-0.07
2000.	1	1498.9	0.0	1498.9	1498.9	1	0.5	0.5	0.5	1	3.69	0.00	3.69	3.69	1	0.00	0.00	0.00
2500.	1	1505.7	0.0	1505.7	1505.7	1	0.4	0.4	0.4	1	3.29	0.00	3.29	3.29	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 56 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	11	1536.3	2.1	1540.1	1533.0	0	0.0	0.0	0.0	16	25.03	0.76	26.65	23.55	0	0.00	0.00	0.00
10.	11	1534.4	3.7	1540.1	1525.7	11	-2.8	9.1	-7.6	16	24.11	1.28	26.57	20.61	16	-2.02	3.05	-5.12
20.	11	1533.5	3.7	1539.9	1527.6	11	-3.0	5.8	-7.9	16	23.48	1.35	26.40	21.23	16	-1.92	1.89	-4.36
30.	11	1532.0	4.2	1539.9	1527.0	10	-5.2	-2.5	-11.0	16	22.74	1.53	26.31	20.94	15	-2.46	-0.30	-4.82
50.	14	1528.3	4.5	1539.4	1524.3	13	-4.9	-0.8	-9.1	23	21.05	1.52	25.94	19.76	22	-2.07	-0.56	-3.76
75.	17	1525.4	4.2	1537.3	1522.5	17	-3.2	-0.8	-5.7	29	19.79	1.32	24.82	18.87	29	-1.44	-0.46	-2.52
100.	17	1523.3	3.8	1534.6	1520.6	16	-2.1	-0.3	-4.6	29	18.93	1.14	23.48	18.23	29	-0.80	-0.15	-1.84
125.	17	1522.7	3.1	1532.2	1520.5	17	-0.5	0.1	-3.3	29	18.58	0.91	22.33	18.07	29	-0.36	-0.15	-1.48
150.	17	1522.3	2.5	1530.4	1520.6	17	-0.3	0.6	-2.2	29	18.33	0.74	21.50	17.94	29	-0.27	-0.08	-1.01
200.	17	1522.2	1.9	1527.7	1520.8	17	-0.0	0.5	-1.6	29	18.03	0.55	20.16	17.70	29	-0.15	-0.02	-0.82
250.	17	1522.5	1.4	1525.9	1521.2	16	0.3	0.5	-0.4	29	17.87	0.42	19.22	17.57	29	-0.08	-0.01	-0.35
300.	17	1522.8	1.3	1525.2	1521.5	17	0.3	1.0	-0.4	29	17.73	0.38	18.71	17.43	29	-0.07	-0.02	-0.31
400.	17	1523.4	1.6	1526.2	1521.7	16	0.1	0.5	-0.8	29	17.38	0.44	18.48	16.96	29	-0.13	-0.02	-0.42
500.	17	1522.5	2.3	1526.6	1519.9	17	-0.4	0.3	-1.2	29	16.54	0.64	18.07	15.93	29	-0.29	-0.11	-0.53
600.	17	1520.0	3.3	1526.1	1516.7	16	-0.9	-0.2	-1.7	29	15.26	0.84	17.38	14.50	28	-0.42	-0.21	-0.61
700.	17	1516.1	4.0	1524.2	1512.5	17	-1.4	-0.8	-2.2	29	13.52	0.99	16.27	12.68	29	-0.59	-0.39	-0.86
800.	16	1509.0	4.4	1519.6	1504.7	15	-2.2	-1.3	-2.9	28	11.14	0.99	14.38	10.22	27	-0.73	-0.52	-0.93
900.	16	1502.6	4.1	1511.8	1497.5	14	-1.8	-1.4	-2.4	28	8.98	0.90	11.71	7.90	26	-0.64	-0.52	-0.81
1000.	14	1496.5	2.1	1502.1	1493.2	14	-1.3	-0.8	-2.2	26	7.16	0.44	8.66	6.38	26	-0.45	-0.20	-0.71
1100.	12	1493.5	1.2	1497.0	1492.1	12	-0.4	1.5	-1.6	24	6.07	0.24	6.92	5.71	24	-0.25	-0.05	-0.53
1200.	11	1492.4	0.8	1493.6	1491.5	11	-0.3	0.3	-1.1	22	5.35	0.15	5.64	5.14	22	-0.21	-0.03	-0.39
1300.	10	1492.1	0.5	1493.1	1491.6	9	0.0	0.3	-0.4	18	4.87	0.10	5.13	4.69	18	-0.11	-0.03	-0.22
1400.	9	1492.6	0.3	1493.1	1492.0	9	0.1	0.3	0.1	15	4.60	0.10	4.81	4.45	15	-0.09	-0.05	-0.13
1500.	9	1493.3	0.2	1493.5	1492.8	9	0.2	0.4	0.1	13	4.26	0.06	4.46	4.24	13	-0.08	-0.03	-0.11
1750.	9	1495.5	0.3	1496.1	1495.2	9	0.3	0.4	0.2	13	3.91	0.07	4.03	3.81	13	-0.05	-0.02	-0.08
2000.	9	1498.8	0.2	1499.4	1498.5	9	0.4	0.5	0.4	13	3.66	0.06	3.82	3.60	13	-0.02	-0.01	-0.05
2500.	9	1506.1	0.2	1506.5	1505.9	9	0.5	0.5	0.4	13	3.37	0.04	3.48	3.34	13	-0.02	-0.01	-0.04
3000.	9	1513.0	0.2	1513.3	1512.6	9	0.4	0.5	0.3	12	2.99	0.04	3.05	2.90	12	-0.02	-0.01	-0.03
4000.	8	1527.9	0.2	1528.0	1527.6	8	0.5	0.6	0.5	11	2.40	0.03	2.43	2.33	11	-0.01	-0.01	-0.01
5000.	2	1545.5	0.1	1545.5	1545.4	2	0.5	0.5	0.5	3	2.34	0.01	2.35	2.33	3	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	14	1537.2	2.3	1542.5	1534.7	0	0.0	0.0	0.0	19	25.41	0.95	27.50	24.29	0	0.00	0.00	0.00
10-	14	1536.2	3.4	1542.3	1530.0	13	-3.9	0.3	-14.3	20	24.90	1.26	27.65	22.29	20	-1.50	0.24	-6.10
20-	14	1535.2	4.1	1542.0	1528.9	13	-3.1	0.9	-7.9	20	24.37	1.51	27.41	21.79	19	-1.67	0.06	-3.51
30-	14	1533.6	4.7	1540.9	1527.7	14	-6.4	0.6	-14.6	20	23.42	1.69	26.87	21.25	20	-3.52	-1.46	-7.57
50-	15	1529.7	5.1	1538.2	1522.7	14	-4.5	-1.5	-11.3	21	21.50	1.90	25.54	19.24	21	-3.49	-0.76	-26.82
75-	15	1526.9	4.6	1535.2	1521.7	14	-3.3	-1.2	-6.2	21	20.24	1.66	24.01	19.52	21	-1.46	-0.63	-2.55
100-	15	1525.0	4.0	1532.3	1520.0	14	-1.6	-1.0	-3.8	21	19.44	1.40	22.61	18.03	20	-0.65	-0.15	-1.75
125-	15	1523.9	2.9	1529.4	1520.3	15	-1.3	0.4	-3.5	21	18.99	1.02	21.30	17.95	21	-0.55	-0.04	-1.60
150-	15	1523.2	2.2	1527.0	1520.6	14	-0.7	0.4	-2.9	21	18.65	0.74	20.22	17.87	20	-0.35	-0.05	-1.32
200-	14	1522.7	1.3	1525.2	1520.9	14	0.1	0.5	-0.9	20	18.25	0.45	19.29	17.72	20	-0.13	-0.04	-0.48
250-	14	1522.9	1.0	1524.8	1521.5	13	0.1	0.5	-0.4	20	18.06	0.35	18.87	17.62	20	-0.12	-0.01	-0.31
300-	14	1523.2	0.9	1524.7	1522.0	14	0.2	0.4	-0.1	20	17.91	0.32	18.54	17.52	20	-0.08	-0.04	-0.20
400-	14	1523.9	1.0	1525.3	1522.2	14	0.2	0.5	0.1	20	17.61	0.30	18.15	17.12	20	-0.09	-0.01	-0.20
500-	14	1524.0	1.4	1526.4	1521.7	13	0.0	0.4	-0.3	19	17.15	0.42	17.98	16.49	19	-0.18	-0.02	-0.46
600-	14	1522.7	2.3	1526.8	1519.2	12	-0.6	0.2	-1.2	18	16.04	0.89	17.56	13.78	16	-0.43	0.08	-1.14
700-	14	1519.0	2.6	1524.3	1514.6	14	-1.2	-0.8	-1.5	17	14.68	0.94	16.67	13.41	17	-0.47	0.17	-0.72
800-	14	1514.2	3.0	1520.9	1509.0	12	-1.6	-1.0	-2.2	17	12.90	1.31	16.61	11.19	16	-0.58	-0.02	-0.83
900-	14	1508.1	3.3	1514.9	1502.5	14	-1.9	-0.8	-3.0	17	10.85	1.59	15.91	8.92	17	-0.62	-0.21	-0.94
1000-	9	1501.5	3.0	1506.5	1497.7	9	-1.9	-1.4	-2.6	11	8.97	2.00	14.56	7.51	11	-0.57	-0.08	-0.83
1100-	8	1496.1	2.2	1499.5	1493.3	7	-1.4	-0.2	-2.1	10	7.20	1.97	12.58	5.80	9	-0.49	-0.21	-0.65
1200-	8	1493.7	1.0	1495.6	1492.1	8	-0.5	-0.2	-1.6	10	6.07	1.39	9.95	5.19	10	-0.30	-0.11	-0.50
1300-	8	1493.1	0.8	1494.0	1492.0	8	-0.1	0.0	-0.2	10	5.25	0.53	6.67	4.81	10	-0.24	-0.12	-1.00
1400-	8	1493.6	0.5	1494.3	1493.0	8	0.1	0.2	-0.2	9	4.59	0.16	4.94	4.43	9	-0.10	-0.07	-0.16
1500-	8	1493.1	0.6	1494.0	1492.0	8	0.1	0.2	-0.2	9	4.59	0.16	4.94	4.43	9	-0.10	-0.07	-0.16
1750-	7	1495.7	0.5	1496.6	1495.1	7	0.2	0.4	0.0	9	4.41	0.15	4.62	4.21	9	-0.08	-0.04	-0.12
2000-	7	1498.9	0.4	1499.8	1498.6	6	0.3	0.4	0.1	8	3.92	0.12	4.15	3.79	8	-0.05	-0.02	-0.11
2500-	2	1506.5	0.5	1506.8	1506.1	7	0.4	0.4	0.4	8	3.70	0.10	3.90	3.59	8	-0.03	-0.02	-0.03
3000-	2	1513.7	0.1	1513.8	1513.6	1	0.5	0.5	0.5	3	3.39	0.17	3.55	3.22	3	-0.02	-0.01	-0.02
4000-	2	1513.7	0.1	1513.8	1513.6	2	0.4	0.5	0.4	3	3.08	0.13	3.17	2.93	3	-0.02	-0.02	-0.03
4000-	2	1528.4	0.3	1528.6	1528.2	2	0.5	0.5	0.5	3	2.48	0.07	2.56	2.43	3	-0.01	-0.01	-0.02
5000-	1	1545.3	0.0	1545.3	1545.3	1	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31	1	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN	
0-	12	1536.9	1.1	1538.0	1534.4	0	0.0	0.0	0.0	23	25.28	0.53	25.70	24.10	0	0.00	0.00
10-	12	1537.1	1.1	1538.1	1534.7	12	0.4	0.9	-0.3	25	25.21	0.53	25.69	24.11	25	-0.14	0.15
20-	12	1537.2	1.1	1538.3	1534.9	12	0.3	0.6	-0.3	25	25.17	0.53	25.68	24.12	25	-0.14	0.12
30-	12	1537.3	1.1	1538.5	1535.2	12	0.7	3.0	0.3	25	25.12	0.55	25.67	24.12	25	-0.12	0.09
50-	12	1537.0	1.9	1538.8	1531.9	12	-2.4	0.5	-12.2	25	24.86	0.74	25.65	22.75	25	-2.24	-0.02
75-	12	1532.8	4.1	1538.5	1524.9	12	-5.8	-1.5	-12.2	27	22.73	1.45	25.37	19.97	27	-2.42	-0.01
100-	12	1528.6	3.9	1533.6	1520.1	12	-3.6	-2.0	-6.1	27	21.01	1.35	23.51	16.12	27	-1.52	-0.61
125-	12	1526.6	3.2	1529.6	1519.5	12	-2.5	-0.7	-4.9	27	20.04	1.04	21.93	17.77	27	-1.15	-0.17
150-	12	1525.0	2.5	1528.0	1519.3	12	-1.8	-0.7	-3.0	27	19.35	0.82	20.73	17.55	27	-0.65	-0.09
200-	12	1523.0	1.4	1525.1	1519.8	12	0.1	1.5	-0.5	27	18.54	0.61	20.52	17.37	27	-0.22	-0.08
250-	12	1522.9	1.1	1524.4	1520.2	12	0.0	0.2	-0.4	27	18.20	0.58	20.26	16.59	27	-0.20	-0.09
300-	12	1522.9	1.4	1523.9	1518.7	12	-0.2	0.2	-2.0	27	17.88	0.66	19.93	15.75	27	-0.17	-0.05
400-	12	1522.8	2.9	1524.3	1513.9	12	0.2	0.5	-0.6	26	17.52	0.67	19.03	14.63	26	-0.09	-0.03
500-	12	1522.8	3.9	1525.2	1510.8	11	0.0	0.6	-1.3	24	17.03	0.85	17.85	13.24	24	-0.18	-0.04
600-	12	1521.2	5.1	1525.4	1506.4	12	-0.7	-0.2	-1.3	24	16.05	1.04	17.12	11.56	24	-0.38	-0.17
700-	12	1517.9	5.7	1524.3	1501.7	12	-1.2	-0.6	-1.6	24	14.51	1.14	16.25	9.84	24	-0.51	-0.35
800-	12	1512.8	6.2	1520.9	1496.1	11	-1.8	-1.2	-2.3	24	12.60	1.18	14.75	7.96	24	-0.67	-0.50
900-	12	1506.6	5.7	1515.1	1492.4	12	-2.0	-0.7	-2.6	23	10.41	1.08	12.58	6.60	23	-0.67	-0.32
1000-	11	1501.5	4.5	1507.8	1490.6	10	-1.9	-0.5	-3.0	23	8.43	0.86	10.13	5.73	23	-0.60	-0.34
1100-	11	1496.1	3.0	1500.1	1489.5	11	-2.0	-0.3	-10.3	23	6.64	0.57	7.71	5.05	23	-0.54	-0.20
1200-	11	1493.4	1.9	1496.2	1489.3	11	-0.8	-0.1	-2.1	23	5.51	0.35	6.31	4.61	23	-0.29	-0.12
1300-	11	1492.5	1.1	1493.7	1489.7	11	-0.2	0.4	-0.5	13	4.97	0.25	5.27	4.30	13	-0.17	-0.04
1400-	11	1492.5	0.8	1493.4	1490.6	11	0.1	0.4	-0.2	13	4.57	0.18	4.81	4.13	13	-0.10	-0.05
1500-	11	1493.1	0.6	1493.8	1491.6	11	0.2	0.4	0.1	13	4.30	0.14	4.48	3.97	13	-0.06	-0.04
1750-	10	1495.5	0.4	1496.1	1494.6	10	0.4	0.4	0.2	12	3.67	0.11	4.04	3.68	12	-0.04	-0.02
2000-	8	1498.8	0.3	1499.3	1498.1	8	0.4	0.4	0.3	9	3.67	0.08	3.78	3.51	9	-0.03	-0.00
2500-	4	1505.9	0.0	1506.0	1505.7	4	0.5	0.5	0.4	4	3.34	0.03	3.37	3.29	4	-0.02	-0.01
3000-	1	1512.5	0.0	1512.5	1512.5	1	0.4	0.4	0.4	1	2.97	0.00	2.87	2.87	1	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 65 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1536.2	2.2	1541.0	1535.2	0	C.C	0.0	0.0	0.0	0	C.C	0.00	0.00
10.	9	1537.9	2.3	1541.1	1534.8	9	-1.1	0.3	-6.1	1.04	9	-0.77	-0.09	-3.65
20.	9	1537.2	3.0	1541.3	1532.4	9	-2.2	0.6	-7.6	1.35	9	-1.21	0.03	-3.54
30.	9	1535.3	4.3	1541.3	1530.0	9	-6.1	3.3	-11.0	1.87	9	-2.81	-0.10	-4.91
50.	9	1531.7	6.2	1540.7	1526.0	9	-5.9	-0.9	-9.3	2.59	9	-2.61	-0.72	-3.90
75.	9	1528.7	6.0	1539.7	1523.9	9	-3.0	-1.0	-7.2	2.40	9	-1.41	-0.51	-3.39
100.	9	1526.7	4.9	1536.8	1523.2	9	-2.1	-0.7	-6.7	1.88	9	-1.02	-0.44	-3.00
125.	9	1525.3	4.0	1534.6	1522.7	9	-1.5	-0.2	-5.6	1.48	9	-0.74	-0.09	-2.40
150.	9	1524.7	3.0	1531.9	1522.9	8	-0.9	0.3	-3.5	1.08	8	-0.38	-0.07	-1.57
200.	9	1524.1	1.5	1527.7	1523.2	9	0.2	3.0	-2.2	0.51	9	-0.23	-0.07	-1.00
250.	9	1524.1	0.4	1525.2	1523.8	9	0.0	0.4	-1.5	0.16	9	-0.17	-0.01	-0.71
300.	9	1524.5	0.1	1525.1	1524.3	9	0.2	0.5	0.1	0.08	9	-0.06	-0.02	-0.16
400.	9	1525.2	0.5	1526.0	1524.3	9	0.1	0.5	-0.3	0.16	9	-0.12	-0.01	-0.06
500.	9	1524.8	1.4	1526.1	1521.7	9	-0.2	0.3	-1.1	0.44	9	-0.22	-0.09	-0.44
600.	9	1522.9	2.7	1525.8	1517.4	9	-0.7	-0.1	-2.0	0.91	9	-0.37	-0.18	-0.61
700.	9	1519.1	3.9	1523.6	1511.6	9	-1.3	-0.7	-1.9	1.14	9	-0.54	-0.38	-0.64
800.	8	1512.7	4.8	1517.5	1503.9	8	-1.8	-1.4	-2.3	1.33	8	-0.65	-0.56	-0.77
900.	5	1508.5	2.4	1510.6	1504.6	5	-2.0	-1.9	-2.2	0.63	5	-0.70	-0.64	-0.74
1000.	2	1499.7	2.1	1501.2	1498.2	2	-2.2	-2.0	-2.5	0.56	2	-0.71	-0.63	-0.79

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	U	MAX	MIN	NO	AVG	MAX	MIN	S	U	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1536.0	2.5	1541.0	1534.4	0	0	0.0	0.0	0.0	1.07	27.14	24.16	0	0	0.00	0.00	0.00
10.	13	1537.9	2.7	1541.2	1534.3	13	13	-0.9	0.0	-7.6	1.15	27.13	24.02	15	15	-0.62	0.12	-3.96
20.	13	1537.3	2.7	1541.2	1534.3	13	13	-0.9	0.3	-10.2	1.21	27.08	23.93	15	15	-1.28	0.06	-4.57
30.	13	1535.6	3.5	1540.7	1531.7	13	13	-7.2	1.7	-14.0	1.61	26.84	22.82	15	15	-2.89	0.44	-5.97
40.	13	1531.2	5.0	1539.9	1524.3	13	13	-6.6	-1.7	-13.7	2.26	26.14	19.83	15	15	-2.85	-1.08	-6.13
50.	13	1527.4	4.4	1536.7	1523.4	13	13	-4.1	-1.1	-10.9	1.98	24.70	19.35	15	15	-1.84	-0.59	-4.52
60.	13	1525.9	3.5	1532.3	1522.8	13	13	-2.0	-0.4	-5.4	1.65	23.53	18.99	15	15	-0.97	-0.30	-2.44
70.	13	1524.7	2.5	1529.7	1522.6	13	13	-1.3	-0.1	-4.5	1.32	22.49	18.76	15	15	-0.73	-0.17	-1.99
80.	13	1524.0	1.7	1527.8	1522.6	13	13	-0.6	0.1	-2.3	1.06	21.74	15.63	15	15	-0.47	-0.12	-1.10
90.	13	1523.7	0.7	1525.0	1523.0	13	13	-0.1	0.4	-1.7	0.61	20.42	14.50	15	15	-0.29	-0.07	-0.84
100.	13	1524.0	0.2	1524.3	1523.6	13	13	0.2	1.0	-0.6	0.28	19.31	18.47	15	15	-0.16	-0.01	-0.68
110.	13	1524.5	0.1	1524.9	1524.1	13	13	0.3	0.4	0.1	0.11	18.72	14.31	15	15	-0.09	-0.01	-0.43
120.	13	1525.0	0.7	1525.2	1524.0	13	13	0.1	0.4	-0.1	0.24	18.48	17.72	15	15	-0.15	-0.04	-0.34
130.	12	1524.9	0.7	1526.3	1523.8	11	11	-0.0	0.2	-0.5	0.43	17.97	16.38	14	14	-0.21	-0.10	-0.52
140.	11	1523.2	1.6	1523.9	1520.9	11	11	-0.7	-0.1	-1.5	0.81	17.29	14.51	13	13	-0.39	-0.20	-0.57
150.	11	1519.5	2.4	1523.2	1516.5	11	11	-1.2	-0.1	-2.0	1.07	15.44	12.47	13	13	-0.53	-0.16	-0.75
160.	11	1513.4	3.0	1519.2	1509.9	11	11	-2.0	-1.0	-3.0	1.19	14.27	10.09	13	13	-0.72	-0.46	-0.98
170.	8	1505.7	2.7	1510.2	1502.5	7	7	-2.2	-2.0	-2.7	0.81	11.26	7.87	8	8	-0.74	-0.67	-0.92
180.	8	1499.7	1.9	1502.0	1497.5	7	7	-1.7	-0.9	-2.2	0.50	8.64	7.46	8	8	-0.58	-0.36	-0.72
190.	8	1495.6	1.6	1498.9	1493.9	8	8	-1.2	-0.9	-1.7	0.41	7.40	6.15	8	8	-0.44	-0.36	-0.56
200.	8	1493.5	1.4	1496.5	1491.9	8	8	-0.5	-0.2	-0.8	0.36	6.40	5.25	8	8	-0.25	-0.16	-0.32
210.	8	1492.8	0.9	1494.9	1492.0	7	7	-0.2	0.0	-0.3	0.23	5.58	4.88	7	7	-0.16	-0.11	-0.23
220.	8	1492.8	0.5	1493.9	1492.4	8	8	0.0	0.2	-0.3	0.13	4.42	4.56	8	8	-0.11	-0.07	-0.23
230.	8	1493.3	0.2	1493.6	1493.1	8	8	0.2	0.4	-0.1	0.05	4.44	4.32	8	8	-0.08	-0.06	-0.15
240.	8	1496.0	0.2	1496.3	1495.7	7	7	0.4	0.6	0.3	0.05	4.08	3.95	8	8	-0.02	-0.01	-0.04
250.	7	1499.4	0.1	1499.7	1499.2	7	7	0.4	0.5	0.4	0.04	3.88	3.76	7	7	-0.02	-0.01	-0.03
260.	7	1506.5	0.0	1506.4	1506.3	7	7	0.4	0.4	0.3	0.05	3.58	3.42	7	7	-0.03	-0.02	-0.03
270.	7	1513.2	0.1	1513.4	1513.1	7	7	0.4	0.4	0.4	0.04	3.08	3.00	7	7	-0.03	-0.02	-0.03
280.	7	1527.8	0.0	1527.9	1527.6	6	6	0.5	0.5	0.5	0.02	2.59	2.33	7	7	-0.01	-0.00	-0.01
290.	5	0.0	0.0	0.0	0.0	0	0	0.0	0.0	0.0	0.00	0.00	0.00	0	0	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 67 OF MARSOFN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	14	1538.4	1.9	1541.4	1535.4	14	0.0	0.0	0.0	14	25.98	0.83	27.30	24.56	0	0.00	0.00	0.00
10.	14	1538.4	2.0	1541.5	1534.6	14	-0.6	1.5	-6.1	14	25.90	0.88	27.30	24.14	14	-0.53	0.15	-2.44
20.	14	1537.8	2.3	1541.7	1534.2	14	-2.4	0.6	-10.7	14	25.55	1.01	27.30	23.89	14	-1.31	-0.06	-5.00
30.	14	1536.3	3.2	1540.6	1531.1	14	-5.4	-3.0	-12.7	14	24.80	1.36	26.75	22.55	14	-2.56	-0.18	-5.44
50.	14	1532.8	4.5	1538.4	1525.2	13	-5.6	-2.0	-9.3	14	23.19	1.82	25.54	20.13	13	-2.57	-0.91	-4.03
75.	14	1529.2	4.5	1536.0	1523.6	13	-3.9	-0.9	-7.4	14	21.58	1.74	24.27	19.45	13	-1.78	-0.52	-3.16
100.	14	1527.1	3.7	1533.8	1522.9	12	-1.6	-0.4	-3.2	14	20.57	1.38	23.13	19.04	13	-0.95	-0.20	-2.25
125.	14	1525.7	2.8	1531.7	1522.6	13	-1.4	-0.1	-3.4	14	19.89	1.04	22.11	18.81	13	-0.71	-0.21	-1.49
150.	14	1524.7	2.1	1529.7	1522.7	13	-0.9	0.4	-2.7	14	19.41	0.74	21.20	18.66	13	-0.51	-0.04	-1.21
200.	14	1523.9	1.0	1526.7	1522.7	14	-0.2	0.4	-1.8	14	18.81	0.35	19.78	18.41	14	-0.26	-0.02	-0.87
250.	14	1523.9	0.7	1525.4	1522.3	13	0.2	1.0	-0.3	14	18.52	0.24	19.03	17.98	14	-0.15	-0.03	-0.39
300.	14	1524.2	0.6	1525.0	1522.7	14	0.2	0.4	0.1	14	18.35	0.21	18.63	17.84	14	-0.08	-0.02	-0.15
400.	13	1524.6	0.6	1525.4	1523.4	13	0.2	0.4	-0.1	14	17.98	0.21	18.29	17.56	14	-0.11	-0.02	-0.20
500.	13	1524.5	1.1	1526.0	1521.3	13	-0.2	0.4	-1.8	14	17.39	0.35	17.93	16.34	14	-0.21	-0.04	-0.74
600.	13	1523.1	1.1	1524.8	1521.3	13	-0.6	-0.4	-1.3	13	16.40	0.33	16.93	15.87	13	-0.36	-0.28	-0.52
700.	12	1519.3	1.9	1521.9	1515.2	12	-1.3	-0.9	-1.9	12	14.78	0.57	15.53	13.56	12	-0.54	-0.41	-0.70
800.	10	1514.2	2.3	1517.6	1511.3	9	-1.8	-1.2	-3.0	11	12.65	0.61	13.78	12.03	11	-0.62	-0.48	-0.72
900.	7	1507.6	3.4	1511.9	1503.1	7	-2.1	-1.7	-2.5	8	10.65	0.89	11.71	9.38	8	-0.70	-0.53	-0.81
1000.	5	1501.9	3.4	1505.5	1498.3	4	-1.6	-0.6	-2.0	6	8.76	0.87	9.61	7.65	6	-0.57	-0.30	-0.65
1100.	5	1496.8	2.8	1499.9	1493.6	5	-1.6	-1.3	-1.8	5	6.85	0.69	7.66	6.09	5	-0.53	-0.45	-0.60
1200.	5	1493.4	1.7	1495.3	1491.4	4	-1.0	-0.5	-1.5	5	5.60	0.41	6.08	5.14	5	-0.36	-0.23	-0.49
1300.	4	1492.5	1.1	1493.6	1491.0	4	-0.1	0.3	-0.6	4	4.97	0.27	5.26	4.63	4	-0.16	-0.05	-0.27
1400.	4	1492.5	0.5	1493.0	1491.9	4	0.1	0.3	-0.2	4	4.58	0.11	4.71	4.45	4	-0.10	-0.05	-0.17
1500.	4	1493.2	0.3	1493.6	1492.9	4	0.2	0.3	0.2	4	4.36	0.07	4.45	4.28	4	-0.07	-0.06	-0.07
1750.	4	1496.0	0.2	1496.2	1495.7	4	0.4	0.4	0.4	4	4.01	0.04	4.05	3.95	4	-0.03	-0.02	-0.04
2000.	4	1499.2	0.3	1499.6	1498.9	4	0.4	0.4	0.3	4	3.77	0.08	3.97	3.69	4	-0.03	-0.03	-0.04
2500.	3	1506.5	0.2	1506.7	1506.3	3	0.4	0.4	0.4	3	3.47	0.05	3.53	3.43	3	-0.03	-0.02	-0.03
3000.	2	1513.2	0.3	1513.4	1513.0	0	0.0	0.0	0.0	2	3.62	0.07	3.07	2.97	1	-0.03	-0.03	-0.03
4000.	1	1527.9	0.0	1527.9	1527.9	1	0.5	0.5	0.5	1	2.39	0.00	2.39	2.39	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 68 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1534.8	2.1	1538.3	1532.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	8	1535.0	2.1	1538.5	1532.8	8	0.6	0.7	0.3	0.3	8	-0.00	0.03	-0.07
20.	8	1535.1	2.1	1538.7	1532.9	8	0.5	0.6	0.3	0.3	8	-0.01	0.03	-0.06
30.	8	1535.2	2.1	1538.8	1533.1	8	-0.1	1.0	-4.6	-4.6	8	-0.35	0.03	-2.44
50.	8	1534.9	2.1	1538.9	1533.0	8	-2.0	0.6	-6.1	-6.1	8	-1.04	0.02	-2.74
75.	8	1532.2	3.0	1538.3	1529.3	8	-4.4	0.4	-7.9	-7.9	8	-2.03	-0.03	-5.41
100.	8	1528.8	3.0	1535.4	1526.0	8	-3.4	-1.0	-6.9	-6.9	8	-1.52	-0.01	-3.24
125.	8	1526.5	1.9	1530.7	1524.5	8	-2.7	-1.1	-5.7	-5.7	8	-1.25	-0.00	-2.56
150.	8	1524.9	1.5	1528.3	1523.0	8	-1.8	-0.9	-2.9	-2.9	8	-0.82	-0.46	-1.26
200.	8	1523.6	1.2	1526.1	1522.4	8	-0.0	0.5	-0.7	-0.7	8	-0.18	-0.35	-0.44
250.	8	1523.6	0.7	1525.2	1522.8	8	-0.0	0.2	-0.5	-0.5	8	-0.18	-0.08	-0.39
300.	8	1523.6	0.5	1524.6	1523.0	8	-0.0	0.2	-0.4	-0.4	8	-0.18	-0.10	-0.29
400.	8	1523.7	0.3	1524.2	1523.2	8	-0.0	0.5	-1.2	-1.2	8	-0.17	-0.01	-0.54
500.	8	1523.3	0.8	1524.5	1522.4	8	-0.1	0.2	-0.8	-0.8	8	-0.20	-0.11	-0.35
600.	8	1521.5	1.8	1524.6	1518.9	8	-1.0	0.0	-2.3	-2.3	8	-0.45	-0.14	-0.75
700.	8	1517.5	2.5	1520.3	1512.6	8	-1.3	-0.8	-3.4	-3.4	8	-6.53	-0.19	-0.92
800.	8	1511.4	3.4	1514.8	1504.2	8	-2.1	-1.7	-3.0	-3.0	8	-0.74	-0.63	-0.97
900.	8	1505.3	3.9	1509.6	1498.0	8	-2.0	-1.4	-3.2	-3.2	8	-0.68	-0.50	-0.97
1000.	8	1499.3	3.7	1503.9	1492.3	8	-1.8	-1.0	-2.4	-2.4	8	-0.60	-0.37	-0.81
1100.	8	1494.5	2.5	1496.8	1489.0	8	-1.3	-0.7	-2.3	-2.3	8	-0.46	-0.30	-0.72
1200.	8	1492.0	1.9	1494.9	1489.2	8	-0.6	-0.1	-1.0	-1.0	8	-0.27	-0.14	-0.34
1300.	8	1491.5	1.3	1493.4	1489.3	8	0.0	0.4	-0.5	-0.5	8	-0.12	-0.04	-0.23
1400.	8	1491.8	0.7	1492.7	1490.5	8	0.1	0.4	0.3	0.3	8	-0.09	-0.03	-0.19
1500.	8	1492.7	0.6	1493.6	1491.7	8	0.3	0.4	0.4	0.4	8	-0.05	-0.03	-0.05
1750.	8	1495.5	0.5	1496.3	1494.9	8	0.4	0.4	0.4	0.4	8	-0.04	-0.03	-0.05
2000.	6	1498.8	0.5	1499.4	1498.3	6	0.4	0.4	0.4	0.4	6	-0.03	-0.02	-0.03
2500.	1	1506.5	0.0	1506.5	1506.5	1	0.4	0.4	0.4	0.4	2	-0.02	-0.01	-0.02
3000.	1	1513.5	0.0	1513.5	1513.5	0	0.0	0.0	0.0	0.0	2	-0.03	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 77 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1539.2	2.1		1540.7	1532.8	0	0.0	0.0	0.0	13	26.70	0.82		26.96	23.88	0	0.00	0.00	0.00
10.	13	1539.3	2.1		1540.8	1532.8	13	0.3	0.7	-0.3	13	26.28	0.84		26.95	23.81	13	-0.05	0.08	-0.31
20.	13	1539.4	2.2		1541.0	1532.7	13	0.4	0.9	-0.3	13	26.26	0.87		26.96	23.73	13	-0.08	0.06	-0.46
30.	13	1539.5	2.3		1541.1	1532.6	13	0.3	0.6	-0.9	13	26.23	0.91		26.98	23.64	13	-0.06	0.06	-0.55
50.	13	1539.5	2.9		1541.5	1531.1	13	-1.4	0.5	-8.5	13	26.19	1.11		26.92	22.98	13	-0.72	-0.02	-3.29
75.	13	1538.3	4.5		1540.8	1524.4	13	-1.4	0.2	-8.2	13	25.40	1.65		26.43	20.56	13	-0.84	-0.15	-2.95
100.	13	1536.7	5.2		1540.4	1521.1	13	-3.3	-0.6	-7.9	13	24.48	1.87		25.38	17.14	13	-1.75	-0.73	-3.77
125.	13	1533.6	5.7		1538.7	1517.5	13	-3.8	-0.7	-7.6	13	22.97	2.04		24.96	17.56	13	-1.84	-0.52	-3.44
150.	13	1529.5	8.1		1536.2	1505.0	13	-5.6	-1.5	-18.9	13	21.26	2.65		23.75	13.57	13	-2.24	-0.72	-5.98
200.	13	1523.7	9.5		1529.0	1493.5	13	-1.3	1.9	-4.1	13	18.86	2.82		20.59	19.03	13	-0.67	0.23	-1.76
250.	13	1522.1	8.1		1526.2	1496.2	13	-1.0	1.6	-2.3	13	18.00	2.38		19.31	13.41	13	-0.53	0.23	-0.93
300.	13	1520.6	8.6		1525.1	1494.3	13	-0.9	-0.1	-6.3	13	17.24	2.51		18.65	9.68	13	-0.44	-0.09	-2.02
400.	13	1518.0	12.0		1524.7	1487.4	11	-0.4	0.6	-3.0	13	15.99	3.40		17.95	7.47	13	-0.33	-0.02	-1.06
500.	13	1514.6	14.4		1525.3	1481.8	13	-1.1	0.6	-3.0	13	14.53	3.99		17.54	5.65	13	-0.46	-0.04	-0.84
600.	13	1510.0	14.5		1523.9	1481.6	13	-1.7	0.4	-4.2	13	12.73	3.94		16.66	5.15	13	-0.65	-0.05	-1.23
700.	13	1503.7	13.5		1518.9	1432.2	13	-2.1	0.1	-3.6	13	10.52	3.57		14.64	4.92	13	-0.69	-0.10	-1.04
800.	13	1497.9	11.6		1513.1	1482.3	13	-1.8	-0.1	-3.7	13	8.52	3.00		12.50	4.34	13	-0.59	-0.11	-1.05
900.	13	1493.2	8.8		1506.7	1482.9	13	-1.4	0.8	-3.0	13	6.86	2.21		10.30	4.50	13	-0.48	0.03	-0.91
1000.	13	1490.7	5.3		1499.4	1484.3	13	-0.8	0.8	-3.3	13	5.78	1.31		7.96	4.22	13	-0.35	-0.03	-0.93
1100.	13	1488.8	2.5		1492.8	1485.4	13	-0.3	0.5	-1.5	13	4.92	0.61		5.88	4.08	13	-0.19	-0.01	-0.44
1200.	13	1488.7	1.3		1491.0	1486.6	13	0.1	0.5	-0.2	13	4.48	0.31		5.03	3.98	13	-0.08	-0.02	-0.46
1300.	13	1489.4	0.9		1491.3	1487.9	13	0.3	0.5	-0.1	13	4.26	0.22		4.68	3.88	13	-0.06	-0.02	-0.44
1400.	13	1490.6	0.7		1491.8	1489.3	11	0.3	0.6	0.2	13	4.13	0.16		4.40	3.83	13	-0.02	0.06	-0.04
1500.	13	1491.9	0.5		1492.9	1490.9	13	0.4	0.5	0.2	13	4.04	0.14		4.26	3.80	13	-0.03	-0.00	-0.06
1750.	13	1495.3	0.4		1496.0	1494.5	12	0.4	0.5	0.3	13	3.85	0.11		4.01	3.65	13	-0.02	-0.00	-0.05
2000.	13	1499.0	0.5		1499.9	1497.8	11	0.5	0.6	0.4	13	3.72	0.13		3.93	3.45	13	-0.02	-0.01	-0.02
2500.	13	1506.2	0.6		1506.9	1504.6	11	0.4	0.4	0.4	13	3.39	0.16		3.56	3.02	12	-0.02	-0.02	-0.03
3000.	13	1513.1	0.5		1513.8	1512.3	10	0.4	0.6	0.3	13	3.01	0.12		3.16	2.81	13	-0.02	0.01	-0.03
4000.	12	1527.7	0.1		1528.1	1527.4	10	0.5	0.5	0.5	12	2.45	0.04		2.43	2.27	12	-0.01	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 78 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT							
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN
G.	16	1536.7	2.4	1539.0	1530.7	0	0.0	0.0	0.0	0.0	16	25.24	1.08	26.24	22.66	0	0.00	0.00	0.00	0.00
10.	16	1536.9	2.4	1539.2	1530.9	16	0.5	1.0	-1.0	-1.0	16	25.23	1.08	26.24	22.66	16	-0.03	0.14	-0.54	-0.54
20.	16	1537.0	2.4	1539.3	1531.0	16	0.3	0.6	-1.0	-1.0	16	25.21	1.09	26.24	22.65	16	-0.09	0.12	-0.72	-0.72
30.	16	1537.0	2.4	1539.5	1531.2	16	-0.1	0.9	-5.3	-5.3	16	25.16	1.08	26.24	22.64	16	-0.27	0.12	-2.22	-2.22
40.	16	1536.8	2.6	1539.7	1531.5	16	-1.6	0.6	-6.1	-6.1	16	24.89	1.15	26.18	22.63	16	-0.91	0.12	-2.74	-2.74
50.	16	1534.9	4.1	1539.9	1527.6	16	-2.6	0.4	-7.2	-7.2	16	23.88	1.71	26.02	20.93	16	-1.37	-0.12	-3.11	-3.11
75.	16	1532.5	4.6	1539.2	1525.1	15	-3.1	-1.2	-4.9	-4.9	16	22.71	1.83	25.51	19.82	16	-1.53	-0.12	-3.31	-3.31
100.	16	1530.2	4.0	1536.7	1524.6	16	-2.7	-0.6	-4.1	-4.1	16	21.60	1.53	24.22	19.48	16	-1.34	-0.41	-1.82	-1.82
125.	16	1528.2	3.3	1534.4	1524.1	16	-2.4	-0.5	-3.5	-3.5	16	20.69	1.23	23.05	19.18	16	-1.10	-0.37	-1.57	-1.57
150.	16	1525.7	2.1	1530.2	1523.5	16	-0.9	0.4	-2.9	-2.9	16	19.44	0.75	21.05	18.68	16	-0.53	-0.13	-1.24	-1.24
200.	16	1524.6	1.2	1526.8	1522.9	16	-0.6	0.1	-2.1	-2.1	16	18.76	0.40	19.52	18.17	16	-0.38	-0.13	-0.91	-0.91
250.	16	1524.0	0.8	1525.6	1522.6	15	-0.2	0.4	-1.3	-1.3	16	18.30	0.27	18.63	17.82	16	-0.23	-0.07	-0.53	-0.53
300.	16	1523.3	1.8	1524.8	1518.2	16	-0.3	0.1	-1.5	-1.5	16	17.31	0.57	18.03	15.93	16	-0.25	-0.12	-0.52	-0.52
400.	16	1521.1	4.2	1524.1	1509.6	16	-0.9	-0.2	-4.0	-4.0	16	16.33	1.25	17.22	12.92	16	-0.46	-0.18	-1.14	-1.14
500.	16	1516.9	6.3	1522.0	1499.1	15	-1.4	-0.1	-3.5	-3.5	16	14.39	1.79	16.06	9.63	15	-0.56	-0.19	-1.14	-1.14
600.	16	1510.7	7.9	1519.7	1492.7	16	-2.0	-1.2	-11.0	-11.0	16	12.56	2.15	14.87	7.53	16	-0.86	-0.31	-3.21	-3.21
700.	16	1503.3	8.4	1514.3	1486.3	16	-2.0	-1.4	-3.7	-3.7	16	9.88	2.21	12.86	5.51	16	-0.67	0.22	-1.13	-1.13
800.	16	1497.4	6.7	1507.7	1485.4	16	-1.9	-0.3	-3.0	-3.0	16	7.49	1.72	10.57	4.88	16	-0.62	-0.21	-0.92	-0.92
900.	15	1492.5	4.8	1499.6	1485.6	15	-1.3	0.3	-2.5	-2.5	16	6.23	1.20	8.00	4.54	15	-0.49	-0.06	-0.78	-0.78
1000.	15	1489.8	2.5	1493.8	1486.6	14	-0.3	0.6	-1.7	-1.7	15	5.14	0.61	6.13	4.36	15	-0.20	-0.02	-0.56	-0.56
1100.	15	1489.6	1.3	1491.7	1487.6	15	0.1	0.4	-0.7	-0.7	15	4.70	0.32	5.21	4.20	15	-0.11	-0.03	-0.20	-0.20
1200.	15	1490.1	0.9	1491.4	1488.6	15	0.2	0.4	0.1	0.1	15	4.45	0.22	4.73	4.06	15	-0.07	-0.04	-0.11	-0.11
1300.	15	1491.0	0.8	1492.0	1489.8	15	0.3	0.5	0.2	0.2	15	4.24	0.18	4.47	3.94	15	-0.05	-0.01	-0.08	-0.08
1400.	14	1492.1	0.7	1493.0	1491.1	13	0.4	0.6	0.3	0.3	15	4.10	0.16	4.29	3.84	14	-0.04	-0.02	-0.05	-0.05
1500.	13	1495.3	0.6	1496.0	1494.2	11	0.4	0.4	0.3	0.3	14	3.87	0.13	4.03	3.60	14	-0.03	-0.02	-0.04	-0.04
1750.	13	1498.8	0.4	1499.5	1497.9	13	0.4	0.5	0.4	0.4	13	3.67	0.11	3.82	3.46	13	-0.02	-0.02	-0.04	-0.04
2000.	9	1506.0	0.2	1506.3	1505.7	8	0.4	0.6	0.4	0.4	9	3.36	0.05	3.43	3.29	9	-0.02	-0.01	-0.02	-0.02
2500.	6	1512.9	0.3	1513.1	1512.4	5	0.4	0.4	0.4	0.4	6	2.96	0.07	3.01	2.83	5	-0.03	-0.02	-0.03	-0.03
3000.	1	1527.4	0.0	1527.4	1527.4	1	0.5	0.5	0.5	0.5	1	2.27	0.00	2.27	2.27	1	-0.01	-0.01	-0.01	-0.01
4000.																				

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 115 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1539.1	3.9	1544.1	1534.0	0	0.0	0.0	0.0	7	26.77	1.35	28.63	25.31	0	0.00	0.00	0.00
10.	7	1539.2	3.5	1543.8	1535.0	7	0.4	4.0	-4.1	7	26.66	1.21	28.32	25.43	7	-0.39	0.41	-2.30
20.	7	1539.1	3.2	1543.8	1535.6	6	-0.8	1.8	-4.3	7	26.48	1.07	28.25	25.39	6	-0.74	-0.06	-2.33
30.	8	1538.9	3.3	1543.7	1534.2	8	-3.7	1.2	-15.2	8	26.24	1.17	28.14	24.44	8	-1.96	0.03	-6.77
50.	8	1530.2	10.1	1543.3	1513.0	8	-13.4	-2.5	-39.6	8	22.60	3.68	27.82	16.53	8	-5.55	-1.37	-15.24
75.	8	1522.1	12.5	1539.7	1507.3	8	-5.8	-3.4	-8.9	8	19.43	4.30	26.00	14.45	8	-2.46	-0.30	-3.84
100.	8	1517.1	10.8	1531.1	1504.8	8	-7.0	-3.0	-15.0	8	17.41	3.52	22.28	13.47	8	-2.62	-0.61	-6.15
125.	8	1513.0	9.3	1524.6	1503.2	8	-4.5	0.3	-12.4	8	15.88	2.87	19.48	12.86	8	-1.70	-0.03	-4.75
150.	8	1510.2	9.2	1523.0	1499.6	8	-2.9	0.4	-7.1	8	14.89	2.78	18.75	11.72	8	-1.08	-0.04	-2.34
200.	7	1508.5	10.5	1521.3	1492.1	7	-0.9	1.0	-2.7	7	14.13	3.04	17.89	9.49	7	-0.45	-0.07	-0.95
250.	6	1506.8	12.5	1521.1	1488.9	6	-1.6	-0.1	-2.8	6	13.40	3.57	17.57	9.44	6	-0.60	-0.20	-0.90
300.	6	1503.6	13.2	1520.2	1486.1	6	-1.8	-0.6	-3.2	6	12.25	3.68	17.03	7.51	6	-0.67	-0.35	-1.00
400.	6	1496.9	14.2	1515.9	1481.5	6	-1.7	-0.7	-2.2	6	10.01	3.80	15.22	5.97	6	-0.55	-0.33	-0.74
500.	5	1492.6	13.4	1506.9	1479.2	4	-1.2	-0.1	-3.7	5	8.44	3.47	12.18	4.98	5	-0.44	-0.15	-1.20
600.	5	1488.1	8.8	1500.2	1478.8	5	-1.4	0.3	-4.3	5	6.80	2.23	9.90	4.49	5	-0.48	-0.04	-1.27
700.	5	1485.0	5.3	1493.2	1479.8	5	-0.9	0.3	-2.1	5	5.60	1.31	7.64	4.33	5	-0.34	-0.05	-0.67
800.	5	1483.0	2.9	1487.9	1480.8	5	-0.6	0.4	-1.6	5	4.71	0.72	5.90	4.18	5	-0.26	-0.05	-0.53
900.	4	1483.2	1.5	1485.2	1481.8	4	-0.1	0.3	-0.7	4	4.36	0.36	4.94	4.03	4	-0.11	-0.05	-0.29
1000.	4	1484.0	1.0	1485.2	1482.9	4	0.2	0.3	0.3	4	4.14	0.24	4.44	3.90	4	-0.07	-0.04	-0.12
1100.	2	1484.3	0.3	1484.5	1484.1	2	0.4	0.4	0.3	2	3.63	0.06	3.87	3.79	2	-0.04	-0.03	-0.04
1200.	2	1485.6	0.2	1485.7	1485.4	2	0.5	0.6	0.4	2	3.74	0.05	3.77	3.70	2	-0.01	-0.02	-0.02
1300.	2	1487.0	0.1	1487.0	1486.9	2	0.4	0.5	0.4	2	3.67	0.02	3.68	3.65	2	-0.02	-0.02	-0.03
1400.	2	1488.4	0.1	1488.4	1488.3	2	0.4	0.4	0.4	2	3.60	0.01	3.61	3.59	2	-0.02	-0.02	-0.03
1500.	2	1489.8	0.0	1489.8	1489.8	2	0.4	0.5	0.4	2	3.54	0.00	3.54	3.54	2	-0.02	-0.02	-0.03
1750.	2	1493.5	0.0	1493.5	1493.5	2	0.5	0.5	0.4	2	3.42	0.01	3.43	3.41	2	-0.01	-0.01	-0.02
2000.	1	1497.2	0.0	1497.2	1497.2	1	0.4	0.4	0.4	1	3.29	0.00	3.29	3.29	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 84 OF MARSDEN SQUARE 115 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1526.0	5.6	1533.6	1518.3	0	0.0	0.0	0.0	7	20.93	1.97	23.82	18.74	0	0.00	0.00	0.00
10.	7	1525.5	6.2	1533.7	1516.1	7	-1.7	0.7	-7.5	7	20.70	2.17	23.80	17.93	7	-0.77	0.03	-2.74
20.	7	1525.0	6.8	1533.9	1514.1	7	-1.4	0.6	-6.1	7	20.49	2.35	23.79	17.23	7	-0.66	0.03	-2.13
30.	7	1524.7	7.3	1534.0	1512.7	7	-1.0	0.6	-4.3	7	20.31	2.48	23.77	16.75	7	-0.54	-0.06	-1.46
50.	7	1524.5	7.3	1534.2	1513.0	7	0.7	6.7	-1.2	7	20.12	2.53	23.73	16.64	7	-0.03	1.22	-0.73
75.	7	1524.2	4.9	1530.9	1517.6	7	-0.3	5.6	-4.0	7	19.74	1.74	22.19	17.62	7	-0.47	1.19	-1.89
100.	7	1522.8	4.9	1528.1	1513.6	7	-2.7	0.6	-11.2	7	19.07	1.61	20.93	16.23	7	-1.09	-0.04	-3.62
125.	7	1521.0	6.3	1525.8	1507.2	7	-2.2	0.5	-7.8	7	18.33	1.94	19.94	14.20	7	-0.90	-0.01	-2.47
150.	7	1520.3	6.3	1524.3	1506.2	7	-0.5	0.6	-2.1	7	17.95	1.90	19.23	13.72	7	-0.36	-0.12	-0.93
200.	7	1519.8	6.6	1522.7	1504.9	7	-0.3	0.4	-1.0	7	17.51	1.96	18.41	13.06	7	-0.24	-0.06	-0.51
250.	7	1519.6	7.7	1522.8	1502.0	7	-0.4	0.4	-3.7	7	17.16	2.30	18.12	11.95	7	-0.27	-0.06	-1.10
300.	7	1519.0	9.7	1523.2	1497.0	7	-0.3	0.6	-3.0	7	16.76	2.83	17.98	10.37	7	-0.23	-0.03	-0.96
400.	7	1518.1	12.2	1524.0	1490.9	7	-0.2	0.2	-1.0	7	16.02	3.44	17.72	8.34	7	-0.21	-0.09	-0.46
500.	7	1514.7	12.3	1521.9	1487.7	7	-1.7	-0.8	-2.1	7	14.50	3.39	16.54	7.09	7	-0.63	-0.42	-0.76
600.	8	1510.2	11.2	1518.0	1483.9	8	-1.7	-0.9	-3.4	8	12.71	3.00	14.68	5.74	8	-0.65	-0.36	-1.19
700.	8	1503.7	9.5	1512.0	1483.2	8	-2.0	-1.8	-2.9	8	10.45	2.48	12.65	5.15	8	-0.70	-0.14	-0.93
800.	8	1497.6	7.3	1504.9	1483.2	8	-1.9	0.1	-2.8	8	8.39	1.87	10.28	4.75	8	-0.62	-0.10	-0.85
900.	8	1492.3	5.1	1497.8	1483.7	8	-1.3	0.2	-2.2	8	6.59	1.26	7.97	4.48	8	-0.48	-0.08	-0.72
1000.	8	1489.3	2.8	1492.5	1484.7	8	-0.8	0.3	-1.6	8	5.44	0.70	6.23	4.32	8	-0.33	-0.04	-0.55
1100.	6	1488.5	1.7	1490.7	1485.5	8	-0.0	0.4	-0.8	8	4.82	0.41	5.37	4.12	8	-0.13	-0.04	-0.32
1200.	8	1488.9	1.1	1490.2	1486.8	8	0.2	0.4	-0.2	8	4.53	0.26	4.84	4.03	8	-0.08	-0.02	-0.15
1300.	8	1489.7	0.7	1490.6	1488.1	8	0.2	0.4	0.2	8	4.32	0.18	4.54	3.94	8	-0.06	-0.03	-0.12
1400.	8	1491.8	0.6	1491.6	1489.4	8	0.3	0.4	0.1	8	4.16	0.16	4.37	3.84	8	-0.05	-0.03	-0.09
1500.	8	1491.8	0.6	1492.6	1490.7	8	0.3	0.4	0.2	8	4.02	0.16	4.21	3.75	8	-0.04	-0.03	-0.08
1750.	6	1495.4	0.6	1496.0	1494.2	8	0.5	0.6	0.4	8	3.86	0.13	4.00	3.59	8	-0.01	0.01	-0.03
2000.	8	1498.9	0.4	1499.3	1497.9	8	0.4	0.5	0.3	8	3.68	0.10	3.79	3.45	8	-0.02	-0.01	-0.06
2500.	8	1505.8	0.4	1506.2	1505.0	8	0.4	0.5	0.3	8	3.31	0.09	3.40	3.11	8	-0.02	-0.03	-0.04
3000.	8	1512.7	0.3	1513.1	1512.3	8	0.4	0.6	0.3	8	2.90	0.07	3.01	2.82	8	-0.03	-0.00	-0.04
4000.	7	1527.6	0.1	1527.8	1527.3	5	0.5	0.5	0.5	7	2.32	0.04	2.36	2.25	7	-0.01	0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 88 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	19	1533.9	5.3	1538.6	1522.9	0	0.0	0.0	0.0	19	24.27	2.02	26.12	20.09	0	0.00	0.00	0.00
10.	19	1533.9	5.5	1538.7	1522.7	19	-0.1	1.0	-5.8	19	24.20	2.08	26.12	19.99	19	-0.24	0.21	-2.34
20.	19	1533.8	5.7	1538.9	1522.5	19	-0.1	0.9	-5.2	19	24.12	2.15	26.13	19.87	19	-0.24	0.18	-2.26
30.	19	1533.5	5.9	1539.1	1522.3	19	-1.3	0.9	-22.1	19	23.93	2.23	26.13	19.75	19	-0.68	0.21	-8.23
50.	19	1531.7	7.4	1539.2	1519.2	18	-5.2	0.3	-16.8	19	23.14	2.73	26.02	18.51	19	-2.13	-0.06	-6.78
75.	19	1527.1	10.4	1538.9	1510.0	19	-5.7	0.4	-15.7	19	21.23	3.69	25.58	15.24	19	-2.38	-0.06	-5.60
100.	19	1521.7	11.3	1536.8	1505.3	19	-6.0	-0.6	-19.7	19	19.09	3.81	24.47	13.64	19	-2.46	-0.47	-7.08
125.	19	1517.2	11.0	1535.4	1502.6	19	-5.1	-0.9	-16.0	19	17.36	3.58	23.65	12.74	19	-1.95	-0.39	-5.28
150.	19	1513.5	10.8	1532.8	1500.0	19	-4.3	-1.1	-11.0	19	16.00	3.41	22.37	11.89	19	-1.60	-0.48	-3.69
200.	19	1508.6	10.3	1526.0	1495.2	18	-2.6	1.6	-7.6	19	14.17	3.08	19.53	10.33	19	-0.96	0.17	-2.88
250.	19	1503.9	10.2	1523.0	1490.6	19	-3.0	-1.1	-6.7	19	12.58	2.92	18.20	8.91	19	-1.00	-0.52	-2.27
300.	19	1499.3	10.5	1520.8	1486.8	17	-2.8	0.4	-5.8	19	11.09	2.91	17.22	7.72	17	-0.90	-0.04	-1.84
400.	19	1491.6	9.9	1515.3	1481.8	19	-1.9	-0.4	-3.4	19	8.57	2.62	15.04	5.04	19	-0.64	-0.26	-1.22
500.	19	1486.4	7.4	1504.9	1479.9	19	-1.4	0.3	-4.1	19	6.80	1.90	11.59	5.18	19	-0.50	-0.10	-1.29
600.	19	1483.5	4.7	1496.1	1479.8	19	-0.8	0.2	-2.7	19	5.64	1.18	8.81	4.75	19	-0.32	-0.08	-0.65
700.	19	1482.2	2.3	1489.5	1480.2	19	-0.2	0.9	-2.4	19	4.93	0.57	6.70	4.43	19	-0.17	0.09	-0.71
800.	18	1482.3	1.0	1485.3	1481.0	18	0.2	0.5	-0.4	18	4.53	0.25	5.26	4.24	18	-0.08	-0.01	-0.23
900.	18	1483.1	0.8	1485.5	1482.0	18	0.3	0.6	0.1	18	4.33	0.20	4.91	4.09	18	-0.05	-0.02	-0.11
1000.	18	1484.1	0.6	1485.7	1483.5	17	0.3	0.4	0.0	18	4.18	0.14	4.56	4.03	18	-0.05	-0.02	-0.11
1100.	16	1485.2	0.3	1485.9	1484.8	16	0.4	0.7	0.3	16	4.05	0.08	4.21	3.94	16	-0.03	-0.02	-0.05
1200.	16	1486.5	0.3	1487.2	1486.0	16	0.4	0.5	0.2	16	3.95	0.08	4.11	3.85	16	-0.04	-0.02	-0.08
1300.	15	1487.8	0.3	1488.5	1487.3	14	0.4	0.5	0.2	15	3.86	0.07	4.04	3.74	14	-0.02	-0.01	-0.05
1400.	15	1489.1	0.2	1489.8	1488.8	15	0.4	0.5	0.3	15	3.78	0.07	3.94	3.70	15	-0.02	-0.01	-0.05
1500.	15	1490.5	0.1	1491.1	1490.2	15	0.4	0.6	0.3	15	3.70	0.06	3.85	3.64	15	-0.02	-0.01	-0.05
1750.	14	1494.0	0.3	1494.7	1493.7	13	0.4	0.5	0.4	14	3.54	0.07	3.71	3.46	13	-0.02	-0.01	-0.03
2000.	13	1497.5	0.3	1498.3	1497.2	12	0.4	0.5	0.4	13	3.37	0.08	3.56	3.30	13	-0.02	-0.01	-0.03
2500.	9	1504.3	0.0	1504.5	1504.0	9	0.4	0.5	0.4	10	2.96	0.04	3.02	2.89	10	-0.02	-0.02	-0.03
3000.	5	1511.3	0.2	1511.6	1511.1	4	0.4	0.4	0.4	5	2.58	0.05	2.65	2.54	5	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 89 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	10	1530.9	3.7	1536.8	1525.1	0	0.0	0.0	0.0	0.0	11	23.47	1.35	25.85	21.67
10.	10	1529.1	3.4	1535.4	1524.4	10	-6.1	1.4	-20.0	0.0	11	22.70	1.25	25.18	20.71
20.	10	1524.8	3.5	1532.3	1520.5	10	-21.7	4.3	-54.9	0.0	11	20.95	1.29	23.03	19.20
30.	10	1516.3	4.4	1522.8	1508.7	10	-29.2	9.1	-49.8	0.0	11	17.83	1.38	20.06	15.28
50.	10	1505.8	4.6	1514.3	1498.0	9	-9.6	1.5	-24.6	0.0	11	14.20	1.29	16.79	11.95
75.	10	1504.0	2.5	1508.1	1501.5	8	-2.0	5.7	-6.4	0.0	11	13.37	0.69	14.63	12.70
100.	10	1502.0	2.0	1505.7	1498.7	10	-2.3	1.0	-7.4	0.0	11	12.74	0.55	13.74	11.76
125.	10	1500.8	2.4	1504.5	1497.1	10	-1.5	0.9	-3.0	0.0	11	12.29	0.67	13.23	11.20
150.	10	1499.3	2.7	1503.2	1494.8	10	-1.8	0.6	-3.8	0.0	11	11.70	0.72	12.71	10.44
200.	10	1495.5	3.5	1502.2	1490.6	10	-2.4	0.8	-4.2	0.0	10	10.41	0.95	12.24	9.12
250.	10	1491.6	3.9	1499.9	1487.5	10	-2.5	1.4	-3.6	0.0	10	9.15	1.03	11.40	8.09
300.	10	1488.1	3.6	1495.2	1484.5	9	-2.1	-1.2	-3.4	0.0	10	8.53	0.93	9.92	7.13
400.	10	1482.8	2.5	1486.9	1479.7	10	-1.4	-0.7	-2.4	0.0	10	6.28	0.62	7.31	5.50
500.	10	1480.0	1.4	1482.0	1477.8	9	-0.6	-0.3	-1.6	0.0	10	5.18	0.36	5.67	4.66
600.	7	1479.4	1.0	1480.7	1477.9	7	-0.0	0.7	-0.3	0.0	7	4.69	0.25	4.97	4.27
700.	7	1480.1	0.6	1481.0	1479.1	7	0.2	0.5	0.0	0.0	7	4.41	0.16	4.63	4.16
800.	7	1480.9	0.5	1481.5	1480.0	6	0.3	0.4	0.1	0.0	7	4.20	0.11	4.35	3.99
900.	6	1481.9	0.2	1482.2	1481.6	6	0.3	0.4	0.2	0.0	6	4.06	0.07	4.13	3.97
1000.	6	1483.0	0.2	1483.3	1482.7	5	0.3	0.3	0.3	0.0	6	3.92	0.06	3.99	3.84
1100.	6	1484.2	0.2	1484.5	1483.8	6	0.4	0.4	0.2	0.0	6	3.79	0.06	3.87	3.70
1200.	6	1485.5	0.3	1485.7	1485.1	6	0.5	1.2	0.3	0.0	6	3.71	0.06	3.77	3.61
1300.	6	1487.0	0.2	1487.1	1486.7	6	0.6	1.0	0.4	0.0	6	3.66	0.04	3.70	3.61
1400.	6	1488.4	0.2	1488.8	1488.1	6	0.4	0.4	0.4	0.0	6	3.61	0.06	3.71	3.54
1500.	6	1489.9	0.2	1490.2	1489.6	6	0.4	0.5	0.4	0.0	6	3.55	0.06	3.64	3.48
1750.	6	1493.4	0.2	1493.7	1493.1	6	0.4	0.4	0.3	0.0	6	3.41	0.06	3.47	3.33
2000.	6	1497.0	0.2	1497.3	1496.7	6	0.4	0.5	0.3	0.0	6	3.24	0.05	3.32	3.18

SUMMARY FOR ONE DEGREE SQUARE 89 OF MARSDEN SQUARE 115 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1536.9	2.6	1539.6	1530.8	0	0.0	0.0	0.0	0.0	0	0.70	0.00	0.00
10.	12	1537.1	3.9	1541.9	1531.1	12	2.5	27.4	27.71	23.57	12	0.19	9.45	-7.35
20.	12	1536.5	3.9	1544.7	1530.2	12	-5.5	8.5	28.67	22.34	12	-3.17	2.93	-14.78
30.	12	1529.7	4.6	1536.9	1521.3	12	-23.8	-1.8	49.1	19.70	12	-10.11	-1.04	-19.54
40.	12	1516.3	5.6	1521.9	1505.6	12	-14.3	-3.0	33.5	14.23	12	-5.13	-1.22	-11.98
75.	12	1509.9	5.5	1519.8	1501.7	12	-4.9	-0.3	14.6	18.16	12	-1.79	-0.26	-4.75
100.	12	1506.7	5.7	1519.3	1500.5	12	-2.1	1.0	8.0	17.78	12	-0.83	-0.08	-2.48
125.	12	1505.3	5.5	1519.5	1499.8	12	-1.4	0.2	4.1	17.71	12	-0.56	-0.09	-1.39
150.	12	1503.9	5.8	1519.7	1498.9	12	-2.1	0.2	3.8	17.64	12	-0.73	-0.09	-1.28
200.	10	1500.8	7.6	1519.8	1495.1	10	-2.4	-0.1	4.7	17.43	10	-0.77	-0.19	-1.40
250.	10	1496.9	8.4	1518.3	1491.0	10	-2.3	-0.9	3.0	16.67	10	-0.73	-0.46	-0.94
300.	10	1493.2	8.3	1514.4	1486.8	10	-2.5	-1.5	3.0	15.25	10	-0.79	-0.56	-0.94
400.	10	1486.2	7.3	1504.8	1480.1	10	-2.0	-0.8	3.7	12.03	10	-0.62	-0.23	-1.19
500.	10	1481.7	5.0	1494.8	1478.0	10	-0.9	-0.3	2.9	8.92	10	-0.33	-0.15	-0.89
600.	10	1480.3	2.4	1486.9	1478.4	10	-0.4	3.4	2.4	6.48	10	-0.20	-0.04	-0.73
700.	9	1480.3	1.0	1482.6	1479.3	9	0.2	3.8	4.45	5.02	9	-0.09	-0.05	-0.17
800.	9	1481.0	0.6	1482.2	1480.2	9	0.3	0.5	4.24	4.54	9	-0.05	-0.02	-0.15
900.	9	1482.2	0.5	1482.9	1481.4	9	0.3	0.4	4.10	4.29	9	-0.04	-0.03	-0.06
1000.	8	1483.3	0.5	1484.0	1482.6	8	0.4	0.4	3.98	4.16	8	-0.04	-0.03	-0.05
1100.	8	1484.5	0.4	1485.1	1483.9	8	0.4	0.4	3.88	4.03	8	-0.03	-0.02	-0.04
1200.	8	1485.8	0.4	1486.5	1485.3	8	0.4	0.5	3.78	3.95	8	-0.03	-0.02	-0.04
1300.	8	1487.1	0.4	1487.8	1486.6	8	0.4	0.4	3.69	3.87	8	-0.03	-0.02	-0.04
1400.	8	1488.4	0.4	1489.2	1488.0	8	0.4	0.5	3.61	3.79	8	-0.02	-0.01	-0.03
1500.	8	1489.8	0.4	1490.5	1489.4	8	0.4	0.5	3.55	3.71	8	-0.02	-0.01	-0.03
1750.	7	1493.5	0.4	1494.0	1493.0	7	0.5	0.8	3.41	3.53	8	-0.01	-0.01	-0.02
2000.	4	1497.4	0.2	1497.6	1497.2	4	3.4	3.5	3.31	3.38	5	-0.02	-0.01	-0.02
2500.	1	1504.2	0.0	1504.2	1504.2	1	0.4	0.4	2.93	2.93	1	-0.02	-0.02	-0.02
3000.	1	1511.1	0.0	1511.1	1511.1	1	0.4	0.4	2.52	2.52	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 98 OF MARSDEN SQUARE 115 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	9	1528.5	1.4	1529.7	1525.1	0	0.0	0.0	0.0	0.0	11	22.34	0.56	23.06	21.24	
10.	9	1528.7	1.1	1529.9	1526.3	9	0.5	3.0	-1.2	-1.2	11	22.35	0.53	23.05	21.59	
20.	9	1528.7	1.1	1530.0	1527.0	9	0.1	2.1	-2.4	-2.4	11	22.28	0.58	23.03	21.66	
30.	9	1525.5	3.5	1529.8	1519.1	9	-16.3	0.6	-41.4	-41.4	11	21.20	1.34	23.03	18.68	
50.	9	1514.9	7.7	1527.9	1502.5	9	-14.0	10.7	-29.0	-29.0	11	17.00	2.63	21.70	13.26	
75.	9	1509.5	8.5	1520.3	1500.1	9	-1.8	4.1	-7.9	-7.9	11	15.29	2.63	19.11	12.36	
100.	9	1508.5	8.1	1519.9	1498.1	9	-1.0	1.1	-4.8	-4.8	11	14.72	2.50	18.23	11.64	
125.	9	1507.4	8.1	1519.9	1499.1	9	-1.2	1.2	-4.3	-4.3	11	14.33	2.55	18.02	11.72	
150.	9	1506.2	8.5	1520.0	1497.9	9	-2.2	0.1	-5.2	-5.2	11	13.86	2.69	17.94	11.32	
200.	9	1502.6	10.0	1520.4	1493.5	9	-2.2	0.3	-3.8	-3.8	11	12.74	3.10	17.72	9.88	
250.	8	1498.9	11.2	1518.1	1489.3	8	-2.4	-1.6	-2.9	-2.9	9	11.86	3.55	17.22	8.56	
300.	7	1495.7	11.9	1514.6	1485.1	7	-2.7	-2.1	-4.2	-4.2	8	10.81	3.59	15.69	7.28	
400.	7	1487.4	9.9	1503.4	1478.4	7	-2.1	-0.6	-3.5	-3.5	8	8.23	3.01	12.91	5.24	
500.	6	1483.2	6.5	1493.1	1477.3	6	-1.3	-0.8	-3.1	-3.1	7	6.65	2.24	10.50	4.57	
600.	6	1481.0	3.1	1495.7	1478.1	6	-0.5	0.4	-2.3	-2.3	7	5.53	1.46	8.45	4.35	
700.	6	1481.1	1.8	1483.7	1479.0	6	0.1	0.4	-0.5	-0.5	7	5.03	1.07	7.28	4.16	
800.	6	1481.7	1.1	1483.0	1480.3	6	0.2	0.5	-0.2	-0.2	7	4.68	0.78	6.37	4.07	
900.	6	1482.7	0.7	1483.5	1481.7	6	0.3	0.5	0.2	0.2	7	4.43	0.53	5.58	4.02	
1000.	6	1483.8	0.5	1484.3	1483.1	6	0.4	0.5	0.2	0.2	7	4.24	0.33	4.44	3.95	
1100.	6	1485.2	0.4	1485.5	1484.6	6	0.4	0.5	0.4	0.4	7	4.09	0.17	4.43	3.90	
1200.	6	1484.5	0.3	1484.8	1484.1	6	0.4	0.5	0.3	0.3	7	3.97	0.07	4.05	3.87	
1300.	6	1487.9	0.2	1488.2	1487.6	6	0.4	0.5	0.3	0.3	7	3.89	0.05	3.95	3.83	
1400.	6	1489.3	0.3	1489.6	1488.9	6	0.4	0.5	0.4	0.4	7	3.83	0.05	3.88	3.74	
1500.	5	1490.8	0.2	1491.0	1490.4	5	0.5	0.5	0.4	0.4	6	3.79	0.05	3.82	3.69	
1750.	4	1494.6	0.4	1494.9	1494.0	4	0.5	0.8	0.4	0.4	5	3.66	0.08	3.75	3.53	
2000.	3	1498.1	0.4	1498.4	1497.7	3	0.5	0.5	0.5	0.5	4	3.50	0.06	3.56	3.42	
2500.	2	1505.1	0.3	1505.3	1504.9	2	0.4	0.4	0.4	0.4	3	3.14	0.04	3.19	3.11	
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	2.58	0.00	2.58	2.58	

SUMMARY FOR ONE DEGREE SQUARE 6 OF MARSDEN SQUARE 116 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1540.6	0.4	1540.8	1539.5	0	0.0	0.24	27.04	26.35	0	0.00	0.00	0.00
10.	8	1540.6	0.7	1541.1	1539.4	8	-0.8	0.34	27.07	26.25	8	-0.53	0.15	-2.44
20.	8	1539.9	1.3	1541.2	1537.6	8	-2.2	0.6	27.02	25.37	8	-1.25	0.03	-2.90
30.	8	1538.2	1.8	1540.0	1536.3	8	-7.3	1.8	26.42	23.87	8	-3.45	-1.10	-5.73
50.	8	1536.2	2.5	1537.0	1529.3	8	-5.7	3.0	24.90	21.70	8	-2.74	-1.72	-4.19
75.	8	1530.8	1.6	1532.4	1527.2	8	-3.8	0.4	22.75	20.74	8	-1.82	-0.34	-2.90
100.	8	1528.3	1.2	1530.3	1526.1	8	-3.1	1.5	21.78	20.16	8	-1.38	-0.71	-1.93
125.	8	1526.8	1.3	1529.3	1524.6	7	-1.8	1.2	20.28	19.47	8	-0.87	-0.66	-1.04
150.	8	1525.7	1.3	1528.4	1524.1	8	-1.2	0.2	19.73	19.12	8	-0.65	-0.28	-0.78
200.	8	1524.7	1.0	1526.7	1523.4	8	-0.7	0.3	19.05	18.60	8	-0.42	-0.29	-0.55
250.	8	1524.0	0.6	1525.1	1523.2	8	-0.4	0.1	18.54	18.25	8	-0.31	-0.15	-0.50
300.	8	1523.9	0.1	1524.2	1523.7	8	-0.0	0.5	18.23	18.13	8	-0.17	-0.02	-0.27
400.	8	1524.3	0.4	1524.7	1523.2	8	0.1	0.3	17.81	17.49	8	-0.13	-0.07	-0.24
500.	8	1522.8	0.8	1523.6	1521.0	8	-0.6	0.4	16.83	16.28	8	-0.35	-0.29	-0.57
600.	7	1518.4	1.2	1519.3	1515.8	7	-1.5	1.1	15.98	15.26	7	-0.60	-0.48	-0.77
700.	7	1512.5	1.2	1513.4	1509.8	7	-1.8	1.4	12.78	12.04	7	-0.67	-0.54	-0.73
800.	7	1505.9	1.3	1507.6	1503.5	7	-2.0	1.4	10.52	9.88	7	-0.70	-0.53	-0.86
900.	6	1498.6	1.3	1500.9	1497.1	6	-2.3	1.7	8.18	7.77	6	-0.74	-0.58	-0.88
1050.	6	1494.0	1.3	1496.4	1492.5	6	-1.4	1.1	6.57	6.21	6	-0.49	-0.41	-0.61
1100.	6	1491.2	1.1	1493.4	1490.6	6	-0.8	0.6	5.48	5.33	6	-0.33	-0.27	-0.36
1200.	6	1489.7	0.8	1491.3	1489.1	6	-0.5	0.3	4.70	4.58	6	-0.24	-0.20	-0.28
1300.	6	1489.5	0.5	1490.5	1489.1	6	0.0	0.3	4.26	4.49	6	-0.11	-0.06	-0.14
1400.	6	1490.1	0.6	1491.3	1489.5	6	0.2	0.3	4.01	4.29	6	-0.08	-0.05	-0.09
1500.	6	1491.2	0.5	1492.3	1490.8	6	0.4	0.4	3.88	4.12	6	-0.04	-0.02	-0.05
1750.	6	1495.6	0.3	1495.1	1495.5	6	0.5	0.5	3.69	3.78	6	-0.02	0.01	-0.03
2000.	1	1498.4	0.0	1498.4	1498.4	1	0.4	0.4	3.57	3.57	1	-0.03	-0.03	-0.03
2500.	1	1504.4	0.0	1504.4	1504.4	1	0.4	0.4	2.99	2.99	1	-0.04	-0.04	-0.04

SUMMARY FOR CHE DEGREE SQUARE 17 OF PARSON SQUARE 116 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1536.3	0.1	1536.4	1536.1	0	0.0	0.0	0.0	9	24.94	0.06	25.04	24.85	0	0.00	0.00	0.00
10.	6	1536.4	0.0	1536.6	1536.3	6	0.3	0.6	0.3	9	24.94	0.06	25.03	24.85	9	-0.01	-0.03	-0.03
20.	6	1536.6	0.0	1536.7	1536.4	6	0.4	0.6	0.3	9	24.94	0.06	25.03	24.86	9	-0.01	0.03	-0.03
30.	6	1536.7	0.0	1536.9	1536.6	6	0.6	0.6	0.3	9	24.93	0.05	25.02	24.85	9	-0.02	-0.03	-0.03
40.	6	1537.1	0.1	1537.2	1536.9	7	0.4	0.5	0.3	9	24.92	0.05	25.00	24.85	9	-0.10	0.02	-0.30
50.	6	1536.8	0.1	1537.7	1535.7	8	-2.9	0.6	-9.1	9	24.63	0.30	24.34	24.11	9	-1.52	0.12	-4.47
60.	6	1531.6	0.7	1532.8	1530.3	8	-5.5	-3.0	-6.9	9	22.26	0.30	22.72	21.71	9	-2.40	-1.52	-3.09
70.	6	1528.2	0.5	1528.5	1527.7	8	-3.5	-2.0	-5.5	9	20.79	0.14	20.91	20.57	9	-1.43	-0.91	-2.29
80.	6	1526.4	0.3	1526.8	1526.0	6	-1.9	-1.0	-3.0	9	19.97	0.12	20.13	19.80	9	-0.88	-0.67	-1.17
90.	6	1524.5	0.3	1524.9	1524.0	6	-0.6	-0.5	-1.2	9	18.98	0.11	19.14	18.82	9	-0.43	-0.30	-0.62
100.	6	1523.8	0.3	1524.1	1523.3	7	-0.3	-0.2	-0.5	9	18.47	0.12	18.6	18.31	9	-0.27	-0.27	-0.35
110.	6	1523.7	0.2	1523.9	1523.3	7	0.1	0.3	-0.2	9	18.16	0.08	18.23	18.04	8	-0.13	-0.06	-0.21
120.	6	1523.4	0.3	1524.2	1523.3	7	0.1	0.3	-0.3	9	17.64	0.1	17.79	17.34	9	-0.18	-0.10	-0.30
130.	6	1522.4	0.7	1523.6	1521.4	7	-0.6	0.4	-1.2	8	16.69	0.22	17.08	16.34	8	-0.34	-0.32	-0.55
140.	6	1517.6	0.9	1518.6	1515.7	7	-1.6	-1.3	-1.9	8	14.73	0.27	15.04	14.19	8	-0.69	-0.55	-1.20
150.	6	1511.2	1.5	1512.7	1508.6	8	-2.1	-1.3	-2.7	8	12.44	0.42	12.84	11.70	8	-0.72	-0.53	-0.87
160.	6	1503.0	2.0	1505.3	1499.1	7	-3.3	-1.4	-10.2	8	9.74	0.33	10.36	8.73	8	-0.98	-0.53	-2.91
170.	6	1497.2	1.6	1498.6	1494.0	6	-1.5	-0.9	-1.9	8	7.51	0.40	8.13	7.00	8	-0.51	-0.37	-0.63
180.	7	1471.7	0.6	1492.3	1440.5	6	-1.6	-0.8	-2.4	8	6.07	0.1	6.39	5.72	8	-0.48	-0.25	-0.73
190.	7	1489.2	0.8	1490.4	1488.5	7	-0.4	-0.1	-0.6	8	5.07	0.24	5.66	4.81	8	-0.21	-0.13	-0.28
200.	6	1489.1	0.4	1489.9	1488.7	6	0.1	0.2	-0.2	7	4.64	0.20	5.04	4.48	7	-0.10	-0.07	-0.19
210.	6	1489.8	0.2	1490.0	1489.5	6	0.2	0.3	0.2	7	4.36	0.08	4.52	4.27	7	-0.08	-0.06	-0.16
220.	6	1490.7	0.2	1491.0	1490.5	6	0.3	0.3	0.2	7	4.14	0.04	4.21	4.10	7	-0.07	-0.05	-0.12
230.	6	1491.8	0.1	1492.0	1491.6	6	0.4	0.5	0.3	7	4.01	0.03	4.05	3.97	7	-0.03	-0.02	-0.05
240.	5	1495.0	0.0	1495.2	1494.9	5	0.4	0.4	0.4	7	3.77	0.03	3.82	3.72	7	-0.03	-0.02	-0.04
250.	5	1498.2	0.2	1498.4	1498.2	5	0.4	0.5	0.4	7	3.53	0.03	3.59	3.48	7	-0.03	-0.02	-0.04
260.	1	1504.3	0.0	1504.3	1504.3	1	0.4	0.4	0.4	1	2.97	0.00	2.97	2.97	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 116 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1538.2	1.6	1539.4	1536.4	0	0.0	0.0	0.0	8	25.63	0.35	26.53	23.92	C	0.00	0.00	0.00
10.	3	1537.5	1.7	1539.5	1536.3	3	-2.5	0.3	-6.8	8	25.74	0.80	26.47	24.43	8	0.26	2.65	-3.25
20.	3	1536.8	2.5	1539.6	1534.7	3	-2.2	0.3	-6.4	8	25.73	1.02	26.73	24.23	8	0.00	1.55	-2.95
30.	7	1537.4	2.9	1541.0	1533.0	7	-2.7	0.5	-6.1	8	25.77	1.21	26.98	23.64	P	-1.26	-6.37	-2.87
40.	7	1535.2	4.1	1541.3	1529.3	6	-3.5	-0.8	-5.6	8	24.76	1.72	26.96	21.84	8	-1.70	-0.61	-2.61
50.	7	1531.4	6.0	1540.1	1522.5	6	-4.5	-1.5	-10.7	5	23.00	2.39	26.25	19.19	8	-1.90	-0.79	-3.96
100.	7	1527.7	8.6	1538.1	1514.7	7	-5.2	-0.8	-10.7	8	21.45	3.16	25.18	16.42	8	-1.98	-0.80	-3.90
125.	7	1523.3	10.8	1535.4	1507.4	7	-5.4	-2.0	-9.4	8	19.74	3.66	23.67	14.07	8	-2.05	-1.09	-3.47
150.	7	1520.2	11.4	1532.3	1504.0	7	-3.4	-0.9	-9.1	8	18.52	3.68	22.26	12.96	8	-1.37	-0.54	-2.56
200.	5	1520.6	10.4	1527.2	1512.4	5	-1.1	-0.2	-2.4	6	18.14	2.95	19.99	14.27	6	-0.61	-0.26	-1.03
250.	4	1523.1	2.5	1525.7	1520.8	4	-1.3	-0.5	-3.1	5	16.35	0.75	19.15	17.49	5	-0.54	-0.34	-1.23
300.	4	1520.3	5.8	1524.9	1512.6	4	-1.8	0.6	-6.6	5	17.25	1.59	18.56	14.75	5	-0.71	-0.12	-2.13
400.	4	1515.1	12.2	1524.5	1498.3	4	-1.3	-0.5	-2.9	4	15.12	3.53	17.89	10.29	4	-0.52	-0.19	-0.92
500.	1	1522.5	0.0	1522.5	1522.5	1	-0.3	-0.3	-0.3	1	16.75	0.00	16.75	16.75	1	-0.27	-0.27	-0.27
600.	1	1513.4	0.0	1513.4	1513.4	1	-5.2	-5.2	-5.2	1	13.66	0.00	13.66	13.66	1	-1.68	-1.68	-1.68
700.	1	1498.1	0.0	1498.1	1498.1	1	-4.5	-4.5	-4.5	1	8.91	0.00	8.91	8.91	1	-1.35	-1.35	-1.35
800.	1	1498.5	0.0	1498.5	1498.5	1	-1.8	-1.8	-1.8	1	6.06	0.00	6.06	6.06	1	-0.57	-0.57	-0.57
900.	1	1484.4	0.0	1484.4	1484.4	1	-1.2	-1.2	-1.2	1	4.65	0.00	4.65	4.65	1	-0.43	-0.43	-0.43
1000.	1	1483.4	0.0	1483.4	1483.4	1	0.1	0.1	0.1	1	4.12	0.00	4.12	4.12	1	-0.09	-0.09	-0.09
1100.	1	1484.5	0.0	1484.5	1484.5	1	0.2	0.2	0.2	1	3.89	0.00	3.89	3.89	1	-0.37	-0.37	-0.37
1200.	1	1485.5	0.0	1485.5	1485.5	0	0.0	0.0	0.0	1	3.72	0.00	3.72	3.72	1	-0.04	-0.04	-0.04
1300.	1	1486.8	0.0	1486.8	1486.8	1	0.4	0.4	0.4	1	3.63	0.00	3.63	3.63	1	-0.04	-0.04	-0.04

SUMMARY FOR ONE DEGREE SQUARE 44 OF MARSDEN SQUARE 116 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1542.6	1.7	1545.0	1539.9	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	8	1542.8	1.7	1545.1	1540.1	8	0.6	1.0	0.3	0.15	10	-0.01	0.15	-0.30
20.	8	1543.0	1.6	1545.4	1541.1	8	0.1	3.0	-3.0	0.67	10	-0.23	0.67	-1.52
30.	8	1542.1	2.4	1545.0	1537.7	8	-4.4	0.6	-23.2	0.32	11	-1.70	0.32	-11.09
50.	8	1538.8	4.5	1543.4	1531.5	7	-3.9	0.6	-12.5	0.05	11	-2.52	0.05	-5.70
75.	8	1534.9	7.0	1543.2	1521.6	8	-4.6	0.6	-12.1	0.01	11	-2.20	0.01	-4.60
100.	8	1531.6	8.4	1540.3	1513.9	8	-3.8	-0.1	-9.4	0.24	11	-1.78	0.24	-3.27
125.	8	1528.9	9.8	1539.1	1508.4	7	-3.5	-1.2	-6.7	0.62	11	-1.50	0.62	-2.22
150.	8	1526.4	10.5	1536.5	1503.8	8	-2.5	-2.3	-5.6	0.61	11	-1.40	0.61	-2.26
200.	8	1521.1	11.0	1531.8	1497.9	8	-2.6	-0.5	-6.1	0.30	11	-1.00	0.30	-1.81
250.	8	1517.9	12.3	1530.0	1494.3	7	-2.1	-0.5	-6.1	0.37	10	-0.86	0.37	-1.83
300.	8	1515.0	13.9	1527.7	1490.1	8	-1.6	0.4	-3.5	0.62	11	-0.62	0.62	-1.11
400.	8	1509.7	17.1	1525.5	1481.3	5	-2.1	-0.1	-5.3	0.62	9	-0.62	0.62	-1.53
500.	8	1503.8	18.8	1525.3	1478.0	6	-1.7	-0.5	-2.8	0.15	10	-0.50	0.15	-0.87
600.	8	1499.6	16.8	1522.8	1479.1	8	-1.4	0.3	-2.5	0.51	11	-0.51	0.51	-0.89
700.	7	1495.0	15.1	1517.2	1480.2	6	-0.9	0.3	-3.2	0.44	9	-0.44	0.44	-0.77
800.	7	1492.1	11.7	1511.0	1481.3	7	-1.0	0.5	-3.2	0.38	10	-0.38	0.38	-0.99
900.	7	1489.4	7.9	1503.9	1482.6	7	-0.8	0.4	-2.6	0.32	9	-0.32	0.32	-0.80
1000.	8	1488.2	4.8	1498.1	1483.9	7	-0.1	0.4	-1.2	0.04	9	-0.12	0.04	-0.42
1100.	8	1487.8	3.0	1493.8	1485.1	8	-0.1	0.4	-1.3	0.13	10	-0.13	0.13	-0.46
1200.	8	1488.2	1.9	1491.8	1486.5	7	0.3	0.4	-0.1	0.06	9	-0.06	0.06	-0.14
1300.	6	1489.4	1.5	1491.7	1488.0	6	0.3	0.5	-0.0	0.01	8	-0.01	0.01	-0.13
1400.	6	1490.4	0.9	1491.9	1489.4	6	0.3	0.5	0.1	0.03	9	-0.03	0.03	-0.11
1500.	6	1491.7	0.7	1492.7	1490.9	6	0.4	0.5	0.4	0.02	7	-0.02	0.02	-0.03
1750.	6	1495.1	0.4	1495.9	1494.7	6	0.4	0.5	0.4	0.02	6	-0.02	0.02	-0.03
2000.	6	1498.7	0.3	1499.2	1498.4	6	0.4	0.5	0.4	0.02	8	-0.02	0.02	-0.03
2500.	4	1505.6	0.5	1506.2	1505.0	2	0.4	0.4	0.4	0.03	4	-0.03	0.03	-0.04
3000.	3	1512.3	0.7	1513.0	1511.6	3	0.4	0.4	0.4	0.02	4	-0.02	0.02	-0.04

SUMMARY FOR ONE DEGREE SQUARE 53 OF MARSDEN SQUARE 116 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1534.8	3.5	1537.9	1528.2	0	0	0.0	1.35	25.77	21.65	0	0	0.00	0.00	0.00
10.	7	1534.9	3.6	1538.1	1527.9	7	7	-0.1	1.40	25.76	21.45	10	10	-0.09	0.17	-0.61
20.	7	1535.0	3.8	1538.3	1527.6	7	7	0.3	1.45	25.75	21.26	10	10	-0.10	0.06	-0.58
30.	7	1534.7	3.9	1538.2	1527.5	7	7	-1.4	1.45	25.72	21.14	10	10	-0.78	0.03	-0.98
50.	8	1532.9	3.7	1538.3	1527.1	8	8	-3.4	1.42	25.59	20.88	10	10	-1.40	-0.20	-2.78
75.	8	1529.7	3.5	1536.5	1525.1	8	8	-3.4	1.30	24.50	19.97	10	10	-1.55	-0.23	-4.29
100.	8	1527.5	4.4	1535.8	1520.3	8	8	-2.3	1.50	23.96	18.23	10	10	-1.00	-0.26	-2.59
125.	8	1525.8	5.2	1534.7	1515.7	8	8	-2.2	1.67	23.30	16.58	10	10	-0.99	-0.26	-2.01
150.	8	1524.7	5.4	1533.6	1514.0	8	8	-1.0	1.67	22.65	15.90	10	10	-0.56	-0.20	-0.93
200.	8	1522.3	4.9	1528.4	1511.7	8	8	-1.7	1.49	20.39	14.94	10	10	-0.64	-0.06	-1.38
250.	8	1519.6	6.2	1524.5	1507.0	8	8	-1.9	1.81	18.90	13.35	10	10	-0.66	-0.10	-1.42
300.	8	1517.0	7.6	1523.9	1503.8	8	8	-1.5	2.25	18.59	12.22	10	10	-0.52	-0.15	-1.37
400.	8	1511.2	12.1	1523.7	1494.5	8	8	-1.9	3.48	18.10	9.26	10	10	-0.58	-0.14	-1.38
500.	8	1505.1	14.3	1522.1	1486.9	8	8	-1.9	4.04	17.44	6.90	10	10	-0.61	-0.22	-0.92
600.	7	1496.9	12.6	1511.1	1482.9	7	7	-1.5	3.75	15.84	5.49	9	9	-0.63	-0.33	-1.19
700.	3	1491.4	10.8	1503.7	1483.3	3	3	-2.2	5.90	13.66	5.20	5	5	-0.77	-0.31	-1.07
800.	2	1489.4	9.0	1495.7	1483.0	2	2	-1.2	7.27	10.64	4.64	5	5	-0.59	-0.16	-1.07
900.	2	1485.4	2.8	1487.4	1483.4	2	2	-1.2	5.87	7.77	4.50	4	4	-0.63	-0.09	-0.87
1000.	1	1484.4	0.0	1484.4	1484.4	1	1	0.3	5.16	1.11	6.39	4.25	3	-0.25	-0.05	-0.42
1100.	1	1486.1	0.0	1486.1	1486.1	1	1	0.5	4.70	0.57	5.34	4.25	3	-0.11	-0.32	-0.32
1200.	1	1487.8	0.0	1487.8	1487.8	1	1	0.5	4.52	0.31	4.86	4.25	3	-0.06	-0.06	-0.12
1300.	1	1488.7	0.0	1488.7	1488.7	1	1	0.3	4.28	0.23	4.53	4.07	3	-0.07	-0.05	-0.10
1400.	1	1489.7	0.0	1489.7	1489.7	1	1	0.3	4.09	0.24	4.26	3.92	2	-0.06	-0.05	-0.09
1500.	1	1490.8	0.0	1490.8	1490.8	1	1	0.3	3.96	0.23	4.12	3.79	2	-0.04	-0.04	-0.04
1750.	1	1494.1	0.0	1494.1	1494.1	1	1	0.4	3.72	0.22	3.87	3.56	2	-0.02	-0.02	-0.01
2000.	1	1497.9	0.0	1497.9	1497.9	1	1	0.5	3.60	0.18	3.72	3.47	2	-0.01	-0.01	-0.01
2500.	0	0.0	0.0	0.0	0.0	0	0	0.0	3.31	0.00	3.31	3.31	1	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0	0.0	2.77	0.00	2.77	2.77	1	-0.03	-0.03	-0.03

SUMMARY FOR CNE DEGREE SQUARE 54 OF MARSDEN SQUARE 116 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1530.6	8.1	1539.1	1513.1	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1530.5	7.9	1539.2	1513.7	5	0.5	1.8	-1.0	-1.0	5	-0.32	0.03	-1.01
20.	7	1530.3	7.2	1539.3	1515.9	7	-0.5	6.7	-5.2	-5.2	7	-0.83	0.03	-2.10
30.	8	1529.0	9.6	1539.4	1507.9	8	-7.8	-8.1	-24.4	-24.4	8	-3.05	-0.17	-8.60
50.	10	1527.2	9.3	1539.3	1510.1	10	-5.3	3.4	-9.1	-9.1	10	-2.24	0.52	-3.55
75.	10	1523.0	9.8	1537.5	1509.8	10	-4.6	-0.4	-8.0	-8.0	10	-1.88	-0.32	-2.89
100.	10	1519.9	9.9	1534.8	1509.0	10	-2.5	-0.4	-5.6	-5.6	10	-1.06	-0.30	-2.17
125.	10	1517.6	9.5	1533.2	1508.1	10	-2.8	-1.5	-5.4	-5.4	10	-1.16	-0.30	-2.01
150.	10	1514.5	8.5	1528.7	1506.6	10	-4.6	-1.5	-9.9	-9.9	10	-1.71	-0.66	-3.59
200.	10	1507.5	7.7	1525.7	1501.9	8	-3.8	-1.8	-6.1	-6.1	10	-1.12	-0.37	-1.91
250.	10	1501.6	7.0	1516.5	1495.9	10	-2.8	-1.5	-5.6	-5.6	10	-1.01	-0.30	-1.99
300.	10	1496.8	6.1	1509.2	1491.1	8	-3.0	-0.5	-6.6	-6.6	10	-0.86	0.61	-2.11
400.	10	1489.2	5.5	1502.5	1483.4	8	-1.7	-0.2	-3.3	-3.3	10	-0.97	-0.15	-4.15
500.	9	1485.3	5.4	1498.5	1480.4	5	-0.8	-0.1	-1.2	-1.2	9	0.27	2.88	-0.46
600.	8	1483.0	5.0	1494.5	1478.8	6	-0.6	0.9	-1.8	-1.8	8	-0.13	0.91	-0.56
700.	8	1482.8	4.7	1494.0	1479.6	4	0.3	0.8	-0.2	-0.2	8	0.21	1.44	-0.17
800.	7	1483.1	4.0	1491.9	1480.7	4	0.2	0.5	-0.6	-0.6	6	-0.09	-0.02	-0.30
900.	7	1483.2	1.3	1485.8	1482.1	4	-0.2	0.4	-1.9	-1.9	5	-0.11	0.12	-0.58
1000.	7	1484.1	0.9	1485.8	1483.2	7	0.3	0.4	0.2	0.2	7	-0.06	-0.02	-0.12
1100.	6	1485.2	0.5	1486.2	1484.7	6	0.3	0.5	0.1	0.1	6	-0.04	-0.00	-0.09
1200.	6	1486.5	0.4	1487.0	1485.9	6	0.4	0.6	0.2	0.2	6	-0.03	-0.02	-0.06
1300.	4	1487.9	0.1	1488.1	1487.8	4	0.2	0.5	0.4	0.4	4	-0.01	-0.01	-0.02
1400.	4	1489.4	0.2	1489.6	1489.2	3	0.4	0.5	0.4	0.4	4	-0.00	0.03	-0.02
1500.	4	1490.9	0.2	1491.0	1490.7	3	0.5	0.5	0.4	0.4	4	-0.01	-0.01	-0.02
1750.	2	1494.2	0.0	1494.2	1494.2	2	0.5	0.5	0.4	0.4	2	-0.01	-0.02	-0.02
2000.	2	1497.9	0.7	1498.4	1497.4	1	0.5	0.5	0.5	0.5	1	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 64 OF MARSDEN SQUARE 116 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1524.8	10.6	1533.0	1503.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1522.3	10.8	1534.5	1502.4	5	-1.2	-0.7	-3.0	-0.7	7	-0.65	-0.24	-2.04
20.	7	1521.8	10.9	1533.9	1501.5	7	-1.4	-1.8	-2.7	-3.0	7	-0.81	-0.21	-1.68
30.	7	1521.1	10.9	1532.9	1500.4	7	-2.3	-0.3	-4.3	-4.3	7	-1.05	-0.24	-1.71
50.	7	1518.8	9.8	1528.8	1499.5	7	-8.4	-1.4	-10.7	-10.7	7	-3.11	-0.75	-4.27
75.	7	1513.1	6.2	1520.7	1503.2	7	-6.9	4.5	-9.9	-9.9	7	-2.58	1.02	-3.82
100.	7	1507.5	5.4	1514.2	1499.2	7	-4.8	-3.0	-6.1	-6.1	7	-1.64	-1.07	-2.10
125.	7	1504.2	3.7	1509.4	1499.9	7	-4.0	0.9	-5.9	-5.9	7	-1.31	0.04	-1.94
150.	7	1501.3	2.7	1505.2	1499.5	6	-4.2	-3.0	-5.1	-5.1	7	-1.18	-0.10	-1.68
200.	8	1496.2	2.2	1499.0	1494.1	7	-2.0	-0.7	-3.2	-3.2	7	-0.68	-0.30	-0.99
250.	8	1492.8	1.7	1494.9	1490.4	8	-2.0	-0.5	-3.4	-3.4	8	-0.68	-0.29	-1.05
300.	8	1489.7	2.5	1492.9	1486.2	8	-2.2	-0.9	-2.8	-2.8	8	-0.69	-0.34	-0.87
400.	8	1483.6	3.1	1488.3	1480.2	6	-1.6	-0.9	-2.2	-2.2	8	-0.53	-0.35	-0.69
500.	7	1480.3	2.7	1484.5	1478.6	7	-0.6	-0.2	-1.3	-1.3	7	-0.27	-0.11	-0.45
600.	7	1479.9	1.5	1482.1	1478.6	5	0.1	0.3	0.2	0.2	7	-0.14	0.04	-0.41
700.	7	1480.1	0.6	1481.0	1479.6	6	0.2	0.4	0.1	0.1	7	-0.06	-0.02	-0.10
800.	7	1481.2	0.4	1481.9	1480.7	5	0.3	0.6	0.3	0.3	7	-0.03	0.02	-0.13
900.	5	1482.2	0.4	1482.7	1481.7	2	0.4	0.4	0.3	0.3	3	0.00	0.06	-0.05
1000.	5	1483.3	0.3	1483.5	1482.8	5	0.3	0.4	0.3	0.3	5	-0.05	-0.01	-0.06
1100.	5	1484.7	0.4	1485.0	1484.0	4	0.5	0.6	0.4	0.4	5	-0.00	0.03	-0.03
1200.	5	1486.1	0.4	1486.3	1485.3	5	0.4	0.5	0.3	0.3	5	-0.02	-0.01	-0.04
1300.	5	1487.5	0.4	1487.8	1486.7	3	0.4	0.4	0.4	0.4	5	0.00	0.04	-0.02
1400.	5	1488.9	0.5	1489.2	1488.1	3	0.4	0.4	0.4	0.4	3	-0.02	-0.02	-0.02
1500.	5	1490.3	0.4	1490.6	1489.5	5	0.5	0.5	0.4	0.4	5	-0.01	-0.01	-0.03
1750.	1	1493.2	0.0	1493.2	1493.2	1	0.3	0.3	0.3	0.3	1	-0.06	-0.06	-0.06

SUMMARY FOR ONE DEGREE SQUARE 80 OF MARSDEN SQUARE 116 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	11	1533.5	4.6	1539.6	1521.7	0	0.0	0.0	0.0	21	25.77	1.18	27.18	23.80	0	0.00	0.00	0.00
10.	11	1533.7	3.9	1539.9	1524.7	11	1.2	9.1	-3.7	21	25.59	1.39	27.19	22.88	21	-0.88	8.53	-9.31
20.	12	1533.4	4.9	1541.5	1523.8	12	-5.5	8.5	-31.1	21	24.77	2.10	27.51	20.84	21	-3.95	0.91	-13.78
30.	12	1525.5	4.7	1535.6	1517.8	11	-27.8	-3.0	-64.0	21	21.67	2.03	25.46	19.10	21	-2.54	-2.13	-27.49
50.	12	1512.5	3.7	1516.1	1506.0	10	-8.5	15.2	-17.3	21	16.60	1.14	18.50	14.22	21	-4.66	3.96	-14.59
75.	12	1508.6	2.4	1512.1	1505.3	12	-2.7	5.6	-9.1	21	14.92	1.19	17.92	13.49	21	-0.90	1.32	-2.78
100.	11	1505.8	3.3	1509.3	1502.1	11	-3.1	-1.4	-5.6	21	14.15	1.34	17.79	12.70	21	-1.01	-0.10	-1.83
125.	11	1503.5	2.0	1506.0	1500.5	11	-2.8	-0.5	-5.2	21	13.43	1.51	17.72	12.13	21	-0.88	-0.09	-1.61
150.	11	1501.5	2.1	1504.3	1498.1	11	-2.3	-1.0	-4.1	21	12.76	1.70	17.69	11.32	21	-0.83	-0.01	-1.37
200.	10	1497.7	2.6	1500.8	1493.2	10	-2.2	0.1	-3.4	20	11.48	2.13	17.53	9.79	20	-0.80	-0.13	-1.20
250.	9	1493.3	2.9	1497.6	1489.0	9	-2.4	-1.2	-3.0	19	10.16	2.47	17.13	7.50	19	-0.77	-0.25	-1.03
300.	9	1489.6	2.8	1494.1	1486.0	9	-2.3	-1.3	-2.7	18	9.01	2.65	16.40	7.52	18	-0.75	-0.45	-1.09
400.	7	1484.1	1.9	1487.3	1482.0	6	-2.1	-0.9	-3.5	9	8.09	2.99	13.59	6.07	8	-0.68	-0.30	-1.14
500.	7	1480.6	1.3	1483.2	1479.5	6	-0.5	-0.5	-1.1	9	6.38	2.10	10.36	5.04	9	-0.41	-0.14	-1.00
600.	7	1479.9	0.8	1481.6	1479.3	7	0.0	0.2	-0.2	9	5.33	1.13	7.30	4.63	9	-0.26	-0.07	-0.93
700.	7	1480.3	0.6	1481.5	1479.8	7	0.1	0.2	-0.0	9	4.74	0.57	5.83	4.33	9	-0.15	-0.07	-0.52
800.	7	1481.0	0.5	1481.7	1480.4	7	0.3	0.6	0.1	8	4.33	0.31	5.06	4.09	8	-0.08	-0.02	-0.23
900.	7	1481.9	0.4	1482.5	1481.4	7	0.3	0.4	0.2	7	4.05	0.09	4.18	3.94	7	-0.05	-0.03	-0.08
1000.	4	1483.1	0.5	1483.5	1482.5	4	0.3	0.4	0.2	4	3.94	0.11	4.03	3.80	4	-0.04	-0.03	-0.05
1100.	3	1484.6	0.3	1484.8	1484.3	3	0.4	0.4	0.4	3	3.89	0.06	3.94	3.83	3	-0.03	-0.02	-0.03
1200.	2	1486.0	0.1	1486.1	1485.9	2	0.4	0.5	0.4	2	3.83	0.04	3.86	3.80	2	-0.03	-0.02	-0.03
1300.	2	1487.4	0.2	1487.5	1487.2	2	0.4	0.4	0.4	2	3.76	0.06	3.80	3.71	2	-0.02	-0.02	-0.03
1400.	2	1488.7	0.3	1488.9	1488.5	2	0.4	0.4	0.4	2	3.68	0.07	3.73	3.63	2	-0.02	-0.02	-0.02
1500.	2	1490.1	0.3	1490.3	1489.9	2	0.4	0.5	0.4	2	3.62	0.07	3.67	3.57	2	-0.02	-0.02	-0.02
1750.	2	1493.7	0.1	1493.8	1493.6	1	0.5	0.5	0.5	2	3.47	0.03	3.49	3.45	1	-0.01	-0.01	-0.01
2000.	2	1497.2	0.0	1497.2	1497.2	2	0.4	0.4	0.4	2	3.50	0.00	3.50	3.50	2	-0.02	-0.02	-0.02
2500.	1	1503.9	0.0	1503.9	1503.9	1	0.4	0.4	0.4	1	2.88	0.00	2.88	2.88	1	-0.03	-0.03	-0.03

SUMMARY FOR UNF DEGREE SQUARE 90 OF MARSDEN SQUARE 116 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1502.5	5.9	1517.1	1486.1	0	0.0	0.0	0.0	11	12.51	2.82	17.60	5.83	0	0.00	0.00	0.00
10.	7	1502.7	9.9	1517.3	1486.3	6	0.9	2.7	0.6	12	12.98	3.05	17.74	7.11	12	0.12	0.45	-0.23
20.	6	1501.6	9.9	1517.5	1487.9	6	3.3	13.2	0.6	12	13.05	2.98	17.73	9.39	11	0.46	3.66	-0.03
30.	9	1500.9	9.7	1517.7	1488.2	8	2.6	14.0	0.5	12	13.19	2.85	17.73	9.62	12	0.39	3.41	-0.51
50.	9	1502.7	8.9	1518.1	1490.6	8	4.4	12.0	0.5	12	13.69	2.47	17.73	10.22	11	1.24	6.17	-0.51
75.	9	1505.8	6.0	1518.6	1498.8	9	3.5	13.6	-6.1	12	14.30	1.84	17.76	12.13	12	0.56	3.31	-2.41
100.	9	1506.0	5.6	1519.2	1501.5	9	-1.1	2.3	-9.0	13	14.34	2.02	17.75	12.50	12	-0.79	0.33	-4.27
125.	9	1504.5	7.3	1519.6	1495.5	8	-2.8	4.0	-7.6	13	13.62	2.49	17.76	10.74	13	-0.73	0.15	-2.40
150.	9	1502.4	9.0	1520.0	1490.8	9	-2.7	1.0	-6.8	13	13.24	2.94	17.75	9.39	13	-0.66	0.12	-2.11
200.	7	1500.8	12.6	1520.7	1487.4	6	-1.4	0.7	-3.0	11	12.78	3.76	17.76	4.27	11	-0.52	0.06	-1.75
250.	7	1498.8	14.0	1520.5	1484.5	6	-1.7	-0.4	-2.2	10	11.43	3.76	17.44	7.33	10	-0.65	-0.25	-1.40
300.	8	1498.0	14.2	1516.0	1482.1	7	-2.0	-1.2	-3.3	11	10.72	3.72	15.74	5.52	11	-0.76	-0.43	-1.22
400.	8	1491.2	11.5	1506.4	1479.1	8	-2.5	-0.9	-6.1	11	8.36	2.91	12.48	2.37	11	-0.77	-0.27	-1.07
500.	8	1485.6	7.2	1476.4	1478.4	8	-1.6	0.0	-3.4	11	6.51	1.78	9.33	4.30	11	-0.44	-0.10	-1.07
600.	7	1483.0	3.8	1487.9	1478.6	7	-0.5	0.1	-1.0	9	5.62	0.96	6.33	4.45	9	-0.27	-0.04	-0.54
700.	7	1482.0	2.3	1484.8	1479.2	7	-0.3	0.2	-0.9	9	4.93	0.55	5.61	4.20	9	-0.21	-0.08	-0.40
800.	7	1481.9	1.2	1483.1	1480.2	7	0.1	0.5	-0.3	8	4.51	0.32	4.94	4.05	8	-0.09	-0.03	-0.16
900.	7	1482.5	0.8	1483.4	1481.3	7	0.3	0.4	0.1	8	4.25	0.22	4.50	3.92	8	-0.07	-0.03	-0.11
1000.	7	1483.5	0.6	1484.3	1482.5	7	0.4	0.4	0.2	8	4.07	0.17	4.32	3.81	8	-0.04	-0.02	-0.06
1100.	7	1484.7	0.6	1485.5	1483.8	7	0.4	0.4	0.4	8	3.96	0.15	4.16	3.72	8	-0.03	-0.03	-0.05
1200.	7	1486.0	0.5	1486.7	1485.2	6	0.4	0.4	0.3	8	3.86	0.13	4.02	3.65	7	-0.03	-0.02	-0.04
1300.	6	1487.3	0.5	1487.9	1486.6	6	0.4	0.5	0.3	7	3.77	0.12	3.99	3.59	7	-0.03	-0.02	-0.04
1400.	6	1488.7	0.5	1489.2	1488.0	6	0.4	0.4	0.4	7	3.69	0.10	3.79	3.53	7	-0.03	-0.02	-0.04
1500.	6	1490.1	0.4	1490.5	1489.5	6	0.4	0.5	0.4	7	3.62	0.09	3.71	3.47	7	-0.02	-0.01	-0.05
1750.	4	1493.7	0.4	1494.0	1493.0	4	0.4	0.5	0.4	5	3.47	0.09	3.55	3.31	5	-0.02	-0.01	-0.02
2000.	3	1497.3	0.6	1497.7	1496.6	2	0.5	0.5	0.5	3	3.33	0.15	3.42	3.15	2	-0.01	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 90 OF MANSION SQUARE 116 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	S	D	MAX	MIN	NO	AVG	MAX	MIN	
0.	6	1470.7	14.2	1510.4	1475.3	1475.3	0	0.0	0.0	10	11.14	3.25	15.47	0	0.00	0.00	0.00	
10.	6	1471.4	14.1	1510.6	1475.5	1475.5	6	4.0	14.3	11	11.60	3.14	15.48	11	0.47	4.27	-0.18	
20.	6	1494.5	12.3	1510.8	1476.6	1476.6	6	7.7	27.4	6	11.40	2.84	15.50	6	0.94	5.91	-0.15	
30.	6	1496.4	10.6	1510.9	1480.3	1480.3	6	7.1	20.7	0.3	11	12.15	2.55	15.47	11	0.90	4.69	-0.27
50.	7	1497.3	8.4	1511.1	1486.2	1486.2	7	4.3	16.2	0.4	11	12.52	2.03	15.43	11	0.59	3.89	-0.17
75.	7	1499.4	6.9	1511.5	1489.8	1489.8	7	2.5	9.1	5.5	11	12.60	1.71	15.43	11	0.35	1.22	-0.15
100.	9	1500.4	5.3	1511.9	1493.9	1493.9	9	2.6	3.0	0.4	13	12.71	1.46	15.43	13	0.36	1.09	0.35
125.	9	1501.4	4.7	1512.3	1496.8	1496.8	9	0.9	3.5	-1.5	13	12.93	1.36	15.44	13	0.08	0.76	-0.61
150.	9	1501.0	5.3	1512.7	1494.8	1494.8	9	-1.7	0.7	-7.4	13	12.79	1.55	15.43	13	-0.42	0.16	-2.15
200.	9	1497.1	8.7	1513.5	1485.4	1485.4	9	-3.0	0.5	-7.9	13	11.91	2.51	15.43	13	-0.73	0.35	-2.20
250.	7	1493.8	9.4	1514.4	1483.6	1483.6	8	-1.4	3.0	-3.9	13	10.66	2.71	15.45	12	-0.52	0.69	-1.19
300.	7	1493.5	10.4	1515.2	1486.1	1486.1	6	-1.9	0.5	-2.9	10	10.23	2.65	15.45	7.51	-0.73	-0.52	-1.34
400.	6	1488.9	12.0	1512.4	1479.9	1479.9	6	-1.7	-0.9	-2.3	9	8.36	2.65	14.17	5.57	-0.66	-0.37	-1.01
500.	5	1484.9	5.0	1500.4	1478.6	1478.6	5	-1.3	-0.6	-4.2	8	6.69	1.77	10.39	4.96	-0.52	-0.25	-1.29
600.	5	1482.2	4.7	1489.8	1474.4	1474.4	4	-0.8	0.1	-3.0	8	5.51	0.92	7.18	4.41	-0.36	-0.08	-0.93
700.	4	1481.6	1.8	1483.7	1479.9	1479.9	4	-0.5	0.2	-1.9	7	4.82	0.33	5.30	4.37	-0.19	-0.07	-0.57
800.	4	1481.8	1.2	1483.4	1480.7	1480.7	3	0.0	0.2	-0.1	6	4.50	0.28	4.84	4.16	-0.16	-0.06	-0.43
900.	4	1482.4	0.9	1483.7	1481.7	1481.7	4	0.2	0.3	0.1	6	4.26	0.26	4.66	4.00	-0.06	-0.04	-0.09
1000.	4	1483.5	0.7	1484.4	1482.8	1482.8	4	0.3	0.4	0.2	6	4.12	0.23	4.49	3.88	-0.03	-0.03	-0.04
1100.	4	1484.7	0.6	1485.6	1484.1	1484.1	4	0.4	0.4	0.4	6	4.00	0.20	4.34	3.79	-0.04	-0.03	-0.05
1200.	4	1486.0	0.5	1486.7	1485.5	1485.5	4	0.4	0.4	0.3	6	3.90	0.18	4.20	3.72	-0.03	-0.02	-0.04
1300.	4	1487.3	0.5	1487.9	1486.9	1486.9	4	0.4	0.4	0.4	6	3.81	0.16	4.09	3.66	-0.03	-0.02	-0.03
1400.	4	1488.7	0.4	1489.2	1486.4	1486.4	4	0.4	0.5	0.4	5	3.68	0.08	3.80	3.60	-0.02	-0.02	-0.03
1500.	4	1490.0	0.3	1490.5	1489.8	1489.8	4	0.4	0.4	0.4	5	3.61	0.07	3.71	3.54	-0.02	-0.02	-0.03
1750.	3	1493.4	0.1	1493.5	1493.4	1493.4	3	0.4	0.5	0.4	4	3.43	0.04	3.49	3.39	-0.02	-0.02	-0.02
2000.	1	1497.0	0.0	1497.0	1497.0	1497.0	1	0.4	0.4	0.4	2	3.30	0.08	3.35	3.24	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 116 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1507.6	9.5	1519.9	1496.3	0	0.0	0.0	0.0	18	16.18	2.91	20.56	11.95	0	0.00	0.00	0.00
10.	13	1506.5	10.4	1519.9	1491.7	13	-4.3	9.1	-15.6	18	15.82	3.19	20.56	10.70	18	-1.28	1.22	-5.01
20.	13	1502.7	13.9	1519.7	1479.5	13	-21.8	32.6	93.1	18	14.90	4.08	20.56	7.78	18	-4.95	8.08	-37.39
30.	13	1497.0	14.2	1517.7	1472.9	13	-12.3	14.5	-30.1	18	13.31	4.08	19.37	6.06	18	-4.15	2.97	-14.60
50.	13	1494.1	11.0	1512.8	1472.0	13	-2.1	6.5	-11.4	18	12.28	3.32	18.11	5.67	18	-1.47	1.42	-5.50
75.	13	1496.1	8.4	1511.8	1479.3	12	3.2	19.5	-5.3	18	12.03	2.17	15.61	7.20	17	-0.09	4.57	-3.78
100.	13	1498.6	5.7	1511.5	1487.7	13	2.6	11.2	-8.8	18	12.20	1.42	15.36	9.06	18	0.28	2.34	-2.59
125.	13	1499.7	5.0	1512.0	1491.9	13	1.5	5.2	-6.5	18	12.22	1.29	15.38	9.95	18	0.09	1.13	-1.89
150.	13	1499.5	5.5	1512.5	1490.4	12	-1.2	1.6	-5.2	18	12.01	1.37	15.40	9.34	17	-0.48	0.27	-1.55
200.	11	1496.3	6.8	1513.4	1487.6	11	-2.5	-1.2	-4.3	14	10.90	1.73	15.42	8.36	13	-0.85	-0.10	-1.29
250.	11	1492.5	7.8	1513.8	1485.6	11	-2.2	0.2	-3.6	14	9.63	1.90	15.29	7.62	14	-0.74	-0.08	-1.06
300.	11	1489.0	8.4	1513.0	1483.4	11	-2.4	-1.3	-3.4	14	8.52	2.01	14.80	6.85	14	-0.76	-0.47	-1.16
400.	10	1483.2	6.7	1501.3	1478.5	10	-1.4	-0.3	-3.9	13	6.57	1.51	11.09	5.24	13	-0.48	-0.15	-1.16
500.	10	1480.8	3.6	1490.6	1478.5	10	-0.6	0.1	-2.9	13	5.46	0.79	7.84	4.85	13	-0.27	-0.10	-0.88
600.	8	1480.0	1.8	1484.4	1479.0	8	-0.0	0.3	-0.6	11	4.85	0.39	5.88	4.57	11	-0.14	-0.06	-0.26
700.	8	1480.3	1.2	1483.3	1479.5	8	0.1	0.2	-0.3	11	4.49	0.26	5.18	4.29	11	-0.11	-0.06	-0.21
800.	7	1481.0	0.8	1482.7	1480.5	7	0.2	0.4	-0.1	10	4.27	0.17	4.64	4.11	10	-0.07	-0.02	-0.15
900.	7	1481.9	0.4	1482.7	1481.6	6	0.3	0.4	0.2	10	4.10	0.11	4.25	4.00	9	-0.05	-0.02	-0.12
1000.	5	1483.1	0.2	1483.5	1482.9	5	0.4	0.5	0.3	7	3.99	0.09	4.12	3.90	7	-0.03	-0.02	-0.04
1100.	5	1484.4	0.1	1485.0	1484.2	5	0.4	0.5	0.4	6	3.90	0.08	4.01	3.80	7	-0.03	-0.02	-0.05
1200.	4	1485.6	0.1	1485.7	1485.5	3	0.4	0.4	0.4	6	3.79	0.07	3.50	3.71	6	-0.03	-0.02	-0.05
1300.	4	1487.0	0.1	1487.1	1485.8	4	0.4	0.4	0.4	6	3.71	0.06	3.80	3.64	6	-0.02	-0.02	-0.03
1400.	4	1488.4	0.1	1488.5	1488.2	4	0.4	0.4	0.4	6	3.65	0.05	3.71	3.57	6	-0.02	-0.02	-0.03
1500.	4	1489.8	0.1	1489.9	1489.7	4	0.4	0.4	0.4	6	3.59	0.05	3.66	3.52	6	-0.02	-0.01	-0.02
1750.	4	1493.5	0.1	1493.6	1493.5	4	0.5	0.5	0.4	6	3.47	0.06	3.58	3.43	6	-0.01	-0.01	-0.02
2000.	2	1497.3	0.1	1497.4	1497.2	2	0.5	0.5	0.5	4	3.34	0.03	3.37	3.31	4	-0.01	-0.01	-0.02
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.94	0.00	2.94	2.94	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 116 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	19	1526.5	4.9	1534.3	1517.7	0	0.0	0.0	0.0	24	21.82	1.52	25.00	19.11	0	0.00	0.00	0.00
10.	19	1525.2	4.8	1530.3	1514.5	18	-4.9	3.4	-18.6	24	20.94	1.75	22.94	17.39	24	-3.02	0.17	-15.68
20.	19	1521.3	6.4	1530.3	1509.0	19	-16.8	0.8	-48.8	24	19.32	2.40	22.93	13.49	24	-6.22	-0.08	-16.92
30.	19	1515.0	7.6	1525.0	1503.5	18	-21.4	-1.0	-71.6	24	17.21	2.66	20.66	10.90	24	-7.03	-1.02	-22.71
50.	19	1505.2	8.9	1519.4	1492.0	19	-5.5	18.3	-30.0	24	14.32	2.66	18.34	9.28	24	-2.15	4.40	-8.99
75.	19	1504.7	5.2	1516.7	1497.6	19	-1.4	12.9	-7.9	24	13.55	1.76	17.11	8.86	24	-0.88	3.12	-2.82
100.	19	1503.9	4.4	1515.9	1498.8	19	-0.7	1.5	-5.0	24	13.06	1.55	16.73	8.48	24	-0.36	0.55	-1.62
125.	19	1503.5	4.2	1514.8	1499.5	19	-0.5	1.5	-3.8	24	12.82	1.54	16.28	8.19	24	-0.31	0.05	-1.14
150.	19	1503.0	4.2	1513.3	1499.3	19	-1.0	0.6	-4.1	24	12.52	1.56	15.70	8.06	24	-0.46	-0.02	-1.61
200.	18	1500.8	4.5	1512.1	1495.5	18	-2.1	1.5	-5.1	23	11.59	1.76	15.04	6.90	23	-0.76	0.24	-1.47
250.	17	1496.3	6.0	1511.4	1485.1	16	-2.8	-1.8	-4.3	22	10.25	1.81	14.61	7.41	22	-0.84	-0.52	-1.31
300.	17	1492.2	5.7	1506.3	1482.3	17	-2.6	-1.7	-3.7	22	8.99	1.68	12.91	6.59	22	-0.79	-0.43	-1.23
400.	17	1485.7	5.2	1496.3	1478.7	17	-1.7	-0.6	-3.2	22	6.95	1.32	9.77	5.28	22	-0.55	-0.06	-1.01
500.	16	1482.4	4.1	1494.1	1478.5	16	-0.6	0.4	-1.7	21	5.76	0.96	8.79	4.78	21	-0.27	-0.03	-0.53
600.	15	1481.4	3.3	1491.9	1478.8	14	-0.2	0.4	-1.3	20	5.10	0.75	7.80	4.46	19	-0.17	-0.03	-0.45
700.	15	1481.3	2.6	1489.7	1479.4	13	0.1	0.4	-0.2	19	4.67	0.60	6.82	4.13	17	-0.10	-0.03	-0.18
800.	14	1481.9	1.9	1487.5	1480.4	14	0.2	0.4	-0.7	18	4.40	0.43	5.84	4.02	18	-0.08	-0.01	-0.30
900.	12	1482.7	1.1	1485.2	1481.5	11	0.2	0.4	-0.7	16	4.18	0.26	4.86	3.90	15	-0.07	-0.03	-0.30
1000.	11	1483.4	0.7	1485.0	1482.7	11	0.4	0.5	0.2	13	3.99	0.16	4.39	3.78	13	-0.04	-0.02	-0.07
1100.	11	1484.6	0.4	1485.6	1484.1	11	0.4	0.4	0.2	13	3.88	0.13	4.15	3.67	13	-0.03	-0.02	-0.07
1200.	11	1485.9	0.2	1486.3	1485.4	11	0.4	0.5	0.2	13	3.78	0.09	3.91	3.59	13	-0.03	-0.01	-0.07
1300.	9	1487.1	0.3	1487.5	1486.8	8	0.4	0.5	0.3	12	3.69	0.08	3.80	3.50	12	-0.02	-0.02	-0.03
1400.	9	1488.5	0.2	1489.8	1488.1	8	0.4	0.4	0.4	12	3.62	0.07	3.71	3.45	12	-0.02	-0.01	-0.04
1500.	9	1489.9	0.2	1490.3	1489.5	9	0.4	0.5	0.4	11	3.55	0.07	3.66	3.42	11	-0.02	-0.01	-0.04
1750.	6	1493.5	0.0	1493.6	1493.3	6	0.5	0.5	0.4	8	3.41	0.05	3.46	3.34	8	-0.02	-0.01	-0.02
2000.	4	1497.2	0.1	1497.3	1497.0	4	0.4	0.5	0.4	5	3.30	0.03	3.32	3.25	5	-0.02	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 116 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	17	1532.7	3.1	1538.3	1527.7	0	0.0	0.0	0.0	24	24.38	1.17	26.46	22.30	0	0.00	0.00	0.00
10.	17	1530.4	5.8	1538.8	1515.0	17	-7.8	3.4	-45.7	24	22.86	2.27	26.43	13.15	24	-5.14	0.24	-17.03
20.	17	1526.6	9.9	1537.6	1500.9	17	-15.2	4.3	-53.0	24	20.86	3.60	25.57	13.59	24	-7.22	0.40	-22.86
30.	17	1518.7	12.3	1532.8	1489.0	17	-26.3	-4.6	-54.9	24	18.00	4.01	23.98	10.13	24	-9.42	-2.13	-22.40
50.	16	1508.0	10.5	1525.0	1482.0	17	-6.2	16.5	-27.3	25	14.32	3.25	20.21	8.09	24	-2.49	3.66	-9.86
75.	18	1505.8	7.2	1520.2	1492.3	18	-1.4	16.8	-11.7	25	13.38	2.05	18.28	10.43	25	-0.89	4.04	-11.86
100.	18	1504.5	5.9	1519.4	1497.0	18	-0.9	3.3	-6.9	25	13.31	1.82	17.83	11.32	25	0.05	8.92	-2.19
125.	18	1503.9	5.9	1519.6	1498.3	18	-0.8	2.8	-6.0	25	13.03	1.78	17.75	11.52	25	-0.34	0.54	-1.82
150.	18	1502.6	6.0	1519.9	1494.6	18	-2.1	0.5	-4.3	25	12.56	1.63	17.70	10.38	25	-0.80	0.20	-2.16
200.	15	1498.3	7.8	1520.0	1489.5	14	-2.9	-1.9	-6.0	22	11.06	2.04	17.49	8.82	22	-0.92	-0.15	-1.74
250.	14	1494.6	8.5	1518.8	1486.3	14	-2.6	-1.1	-4.2	21	9.76	2.15	16.85	7.78	21	-0.79	-0.46	-1.22
300.	14	1490.7	8.5	1515.8	1481.8	14	-2.3	-0.4	-3.5	20	8.54	2.11	15.67	6.46	20	-0.74	-0.21	-1.11
400.	14	1484.9	6.5	1505.2	1480.0	14	-1.3	0.1	-3.9	16	6.87	1.63	12.14	5.58	16	-0.49	-0.11	-1.26
500.	14	1481.6	4.5	1495.6	1478.0	14	-0.8	0.2	-2.6	16	5.62	1.09	9.11	4.70	16	-0.34	-0.11	-0.81
600.	14	1480.3	2.6	1488.1	1478.2	14	-0.3	0.4	-2.2	16	4.44	0.27	5.25	4.20	16	-0.08	-0.04	-0.25
700.	14	1490.2	1.1	1483.5	1479.2	14	0.1	0.3	-0.5	16	4.23	0.20	4.85	4.04	16	-0.06	-0.03	-0.12
800.	14	1481.0	0.8	1483.6	1480.3	14	0.2	0.4	0.0	16	4.06	0.14	4.52	3.93	16	-0.05	-0.02	-0.09
900.	14	1482.0	0.6	1483.9	1481.4	14	0.3	0.4	0.1	16	3.94	0.11	4.26	3.82	15	-0.03	-0.02	-0.08
1000.	13	1483.1	0.5	1484.5	1482.6	13	0.5	1.5	0.2	15	3.94	0.11	4.26	3.82	15	-0.03	-0.02	-0.08
1100.	11	1484.4	0.4	1485.3	1483.9	11	0.4	0.5	0.3	13	3.64	0.10	4.07	3.71	13	-0.03	-0.01	-0.05
1200.	8	1485.8	0.4	1486.5	1485.2	8	0.4	0.5	0.4	10	3.78	0.09	3.94	3.63	10	-0.03	-0.02	-0.04
1300.	8	1487.2	0.2	1487.6	1486.6	8	0.4	0.4	0.3	9	3.70	0.08	3.82	3.57	9	-0.02	-0.02	-0.04
1400.	8	1488.5	0.2	1488.9	1488.0	8	0.4	0.4	0.4	8	3.64	0.06	3.72	3.51	8	-0.02	-0.02	-0.03
1500.	8	1489.9	0.3	1490.4	1489.4	8	0.4	0.5	0.4	8	3.57	0.06	3.67	3.46	8	-0.02	-0.01	-0.03
1750.	7	1493.5	0.3	1494.0	1493.1	7	0.4	0.5	0.4	7	3.43	0.06	3.54	3.33	7	-0.02	-0.01	-0.02
2000.	2	1497.2	0.6	1497.6	1496.7	2	0.4	0.4	0.4	2	3.29	0.15	3.39	3.18	2	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 90 OF WARDEN SQUARE 116 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1528.3	7.1	1534.3	1517.5	0	0.0	0.0	0.0	10	22.50	2.53	25.01	19.47	0	0.00	0.00	0.00
10.	7	1528.7	7.7	1537.0	1517.7	7	1.8	12.8	-3.7	12	22.59	2.42	26.02	19.49	12	0.64	5.02	-1.73
20.	7	1524.2	8.1	1535.5	1512.3	7	-26.3	1.8	-94.5	12	21.65	4.01	25.20	11.93	12	-8.04	2.50	-32.23
30.	8	1517.6	14.1	1532.1	1499.6	8	-7.9	3.0	-30.5	12	19.04	4.46	23.40	10.11	12	-4.28	3.04	-11.23
40.	8	1504.3	10.4	1521.6	1491.9	8	-14.2	13.7	-54.7	12	15.67	2.37	19.10	1.44	12	-5.50	3.15	-20.73
50.	8	1504.0	7.8	1514.4	1491.7	8	-2.4	2.0	-7.2	12	14.03	2.16	16.48	10.17	12	-1.42	0.00	-2.54
60.	8	1502.5	5.9	1509.4	1492.4	8	-2.0	1.0	-6.1	12	13.05	1.68	14.75	11.15	12	-1.25	0.10	-4.17
70.	8	1501.5	5.2	1508.6	1492.6	8	-1.1	1.1	-2.6	12	12.44	1.89	14.55	9.27	12	-0.69	0.12	-2.71
80.	8	1500.3	5.1	1507.3	1491.9	8	-2.2	0.2	-6.1	12	12.09	1.72	14.06	8.58	12	-3.50	1.72	-1.77
90.	8	1498.6	4.4	1503.1	1490.3	8	-3.3	-1.6	-6.1	11	10.94	1.35	12.77	7.05	11	-0.89	-0.50	-1.01
100.	8	1492.5	3.1	1498.6	1487.9	8	-2.3	-1.0	-3.4	11	9.53	0.92	10.75	4.22	11	-0.77	-0.38	-1.03
110.	7	1498.9	2.9	1493.2	1495.7	7	-2.4	-1.5	-3.1	11	8.42	0.49	9.52	7.00	11	-0.71	-0.32	-1.04
120.	5	1493.3	2.4	1498.0	1480.9	4	-1.7	-1.1	-3.0	9	6.59	0.91	7.60	5.03	8	-0.57	-0.24	-0.91
130.	3	1490.1	0.9	1491.0	1479.3	3	-0.6	-0.1	-1.0	6	5.21	0.34	5.66	4.68	6	-0.21	-0.15	-0.41
140.	2	1479.6	0.8	1480.2	1479.0	1	0.2	0.2	0.2	5	4.18	0.22	4.55	4.54	5	-0.10	-0.03	-0.19
150.	2	1440.4	0.4	1480.7	1480.1	2	0.2	0.3	0.2	5	4.49	0.12	4.59	4.31	5	-0.09	-0.04	-0.14
160.	2	1441.5	0.6	1481.9	1481.0	2	0.3	0.4	0.2	5	4.31	0.12	4.45	4.15	5	-0.05	-0.03	-0.07
170.	2	1442.5	0.8	1483.1	1481.9	2	0.2	0.3	0.2	5	4.16	0.13	4.35	4.03	5	-0.04	-0.02	-0.06
180.	2	1443.6	1.1	1484.4	1482.8	2	0.3	0.4	0.3	4	4.04	0.17	4.26	3.88	4	-0.04	-0.03	-0.04
190.	2	1444.9	1.3	1485.8	1483.9	2	0.4	0.5	0.3	4	3.73	0.19	4.18	3.74	4	-0.03	-0.02	-0.04
200.	2	1446.2	1.3	1487.1	1485.2	2	0.4	0.5	0.4	4	3.44	0.20	4.11	3.51	4	-0.03	-0.02	-0.03
210.	2	1447.6	1.4	1488.6	1486.6	2	0.4	0.5	0.4	4	3.76	0.21	4.06	3.58	4	-0.04	-0.02	-0.03
220.	1	1448.0	0.0	1488.0	1488.0	1	0.4	0.4	0.4	3	3.88	0.08	3.66	3.51	3	-0.02	-0.02	-0.03
230.	1	1449.4	0.0	1489.4	1489.4	1	0.4	0.4	0.4	3	3.52	0.08	3.59	3.44	3	-0.02	-0.01	-0.02
240.	0	1493.4	0.0	1493.4	1493.4	0	0.0	0.0	0.0	3	3.41	0.03	3.74	3.39	3	-0.01	-0.01	-0.02
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.74	0.00	3.74	3.24	1	-0.02	-0.02	-0.02
260.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.42	0.00	2.42	2.92	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 116 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	11	1526.5	2.4	1529.7	1521.7	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	
10.	11	1526.6	2.8	1529.8	1521.9	10	0.4	0.7	0.3	0.3	15	-0.00	0.20	0.20	-0.37	
20.	11	1526.4	3.2	1529.5	1521.3	10	-1.6	6.1	-2.3	-2.3	15	-1.15	0.79	0.79	-1.46	
30.	11	1524.8	5.3	1530.0	1511.7	11	-7.2	3.0	-30.6	-30.6	15	-2.56	0.34	0.34	-11.43	
40.	11	1517.0	9.6	1528.0	1500.7	11	-12.4	-3.0	-27.4	-27.4	15	-3.70	0.61	0.61	-9.47	
50.	10	1511.8	7.5	1524.6	1503.8	10	-2.3	10.4	-14.6	-14.6	15	-1.49	2.64	2.64	-7.53	
60.	10	1509.7	7.0	1522.6	1503.2	10	-2.2	0.7	-6.1	-6.1	15	-0.92	-0.05	-0.05	-2.18	
70.	10	1508.1	7.1	1521.2	1502.4	10	-2.2	-0.2	-6.1	-6.1	15	-0.76	-0.17	-0.17	-1.83	
80.	10	1506.1	7.5	1520.6	1499.7	9	-3.0	-1.1	-6.1	-6.1	15	-0.97	-0.17	-0.17	-1.76	
90.	10	1501.4	8.9	1519.2	1493.7	10	-2.8	-1.5	-4.5	-4.5	15	-0.88	-0.46	-0.46	-1.34	
100.	10	1497.2	9.3	1516.3	1489.8	10	-2.2	-1.4	-3.2	-3.2	14	-0.75	-0.47	-0.47	-0.93	
110.	10	1493.6	9.0	1512.8	1486.7	10	-2.4	-1.5	-3.8	-3.8	14	-0.83	-0.61	-0.61	-1.52	
120.	9	1487.6	7.8	1504.5	1481.1	9	-1.7	-1.2	-3.0	-3.0	13	-0.56	-0.34	-0.34	-0.87	
130.	9	1483.1	5.2	1495.4	1478.0	9	-1.0	0.1	-3.0	-3.0	13	-0.38	-0.11	-0.11	-0.94	
140.	9	1481.3	3.1	1488.6	1478.7	9	-0.2	0.1	-1.5	-1.5	11	-0.14	-0.38	-0.38	-0.51	
150.	9	1481.1	1.7	1484.3	1474.7	9	-0.0	0.3	-1.1	-1.1	11	-0.10	-0.35	-0.35	-0.39	
160.	7	1481.5	0.7	1482.7	1480.7	7	0.2	0.3	0.1	0.1	10	-0.08	-0.04	-0.04	-0.15	
170.	7	1482.3	0.4	1482.9	1481.7	7	0.3	0.4	0.1	0.1	10	-0.06	-0.04	-0.04	-0.11	
180.	7	1483.4	0.3	1483.9	1482.9	7	0.4	0.8	0.2	0.2	10	-0.04	-0.03	-0.03	-0.07	
190.	7	1484.6	0.2	1485.1	1484.3	7	0.4	0.4	0.4	0.4	10	-0.03	-0.01	-0.01	-0.01	
200.	6	1485.9	0.1	1486.2	1485.7	6	0.4	0.5	0.3	0.3	9	-0.03	-0.02	-0.02	-0.05	
210.	6	1487.2	0.0	1487.3	1487.0	6	0.4	0.4	0.4	0.4	9	-0.03	-0.02	-0.02	-0.04	
220.	5	1488.6	0.2	1488.7	1488.5	5	0.3	0.5	0.4	0.4	8	-0.02	-0.02	-0.02	-0.04	
230.	5	1490.0	0.0	1490.1	1489.8	5	0.4	0.4	0.4	0.4	7	-0.02	-0.02	-0.02	-0.03	
240.	5	1493.6	0.2	1493.8	1493.3	5	0.7	0.5	0.4	0.4	7	-0.02	-0.01	-0.01	-0.02	
250.	3	1497.2	0.3	1497.5	1496.9	3	0.4	0.5	0.4	0.4	5	-0.02	-0.01	-0.01	-0.02	

SUMMARY FOR ONE DEGREE SQUARE 91 OF MARSDEN SQUARE 116 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	21	1531.6	3.9	1536.5	1523.7	7	0.0	0.0	0.0	26	24.94	1.48	27.15	21.10	0	0.00	0.00	0.00
10.	22	1530.0	5.8	1535.9	1509.8	27	-3.8	14.5	-61.3	27	24.13	2.09	25.78	18.52	36	-1.97	2.13	-22.35
20.	22	1526.1	8.9	1536.3	1492.3	22	-28.4	3.7	-91.4	37	22.16	2.88	25.82	11.13	37	-11.76	0.55	-32.21
30.	21	1511.7	9.9	1515.5	1483.2	21	-42.2	-13.7	-94.0	37	16.93	2.56	21.54	8.60	37	-14.66	-4.11	-30.60
50.	21	1496.9	7.6	1500.3	1477.6	21	-10.5	15.2	-33.5	37	12.30	2.06	15.14	7.04	37	-3.86	4.88	-10.73
75.	21	1498.0	5.2	1506.5	1483.2	21	4.3	23.4	-7.9	37	12.18	1.56	14.29	8.24	37	-0.01	5.28	-3.05
100.	21	1499.7	2.7	1503.2	1494.7	21	0.2	7.1	-9.1	37	11.96	0.84	13.07	8.87	37	-0.66	1.63	-2.74
125.	21	1499.3	2.6	1502.7	1494.5	21	-0.7	4.6	-8.3	37	11.36	0.85	12.74	9.42	37	-0.76	0.99	-2.44
150.	21	1498.3	3.6	1502.9	1491.0	21	-1.5	0.8	-5.1	37	10.75	1.14	12.65	9.12	37	-0.78	0.05	-1.65
200.	14	1493.4	3.5	1498.0	1487.5	14	-2.4	-0.7	-4.4	30	9.25	0.93	11.08	8.31	30	-0.78	-0.36	-1.52
250.	14	1489.7	3.7	1496.2	1485.4	14	-2.4	-0.9	-4.0	30	8.12	0.87	10.35	6.81	30	-0.66	-0.37	-1.10
300.	14	1486.2	3.6	1494.2	1482.7	14	-2.0	-0.8	-2.8	30	7.14	0.76	9.62	6.01	30	-0.58	-0.37	-0.83
400.	5	1480.6	2.5	1484.8	1478.7	5	-1.7	-0.5	-3.7	6	5.64	0.59	6.76	5.12	6	-0.49	-0.18	-1.05
500.	4	1479.0	0.8	1480.1	1478.3	4	-0.3	0.6	-1.5	5	4.92	0.20	5.28	4.69	5	-0.17	0.03	-0.47
600.	4	1479.7	0.6	1480.4	1479.2	4	0.3	0.5	-0.1	5	4.66	0.17	4.80	4.43	5	-0.07	-0.03	-0.16
700.	4	1480.3	0.4	1480.5	1479.7	4	0.2	0.4	-0.1	5	4.42	0.10	4.51	4.30	5	-0.07	-0.01	-0.15
800.	4	1481.0	0.6	1481.5	1480.2	4	0.2	0.3	0.2	5	4.22	0.13	4.36	4.04	5	-0.06	-0.04	-0.07
900.	3	1482.1	0.8	1482.7	1481.2	3	0.3	0.4	0.3	5	4.13	0.15	4.25	3.89	5	-0.03	-0.02	-0.05
1000.	2	1483.7	0.1	1483.8	1483.6	2	0.4	0.4	0.3	3	4.12	0.06	4.17	4.06	3	-0.03	-0.03	-0.04
1100.	2	1485.0	0.1	1485.0	1484.9	1	0.4	0.4	0.4	2	3.99	0.04	4.01	3.96	1	-0.03	-0.03	-0.03
1200.	2	1486.2	0.1	1486.2	1486.1	2	0.4	0.4	0.4	2	3.89	0.02	3.90	3.87	2	-0.03	-0.03	-0.03
1300.	2	1487.5	0.0	1487.5	1487.5	2	0.4	0.5	0.4	2	3.80	0.01	3.81	3.79	2	-0.02	-0.02	-0.02
1400.	2	1488.9	0.1	1488.9	1488.8	2	0.4	0.4	0.4	2	3.73	0.01	3.74	3.72	2	-0.02	-0.01	-0.03
1500.	2	1490.3	0.1	1490.4	1490.2	2	0.4	0.5	0.4	2	3.67	0.04	3.69	3.64	2	-0.02	-0.02	-0.02
1750.	1	1493.9	0.0	1493.9	1493.9	1	0.4	0.4	0.4	1	3.51	0.00	3.51	3.51	1	-0.03	-0.03	-0.03
2000.	1	1497.3	0.0	1497.3	1497.3	1	0.4	0.4	0.4	1	3.32	0.00	3.32	3.32	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 2 OF MARSDEN SQUARE 79 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1538.8	0.4	1539.3	1538.5	0	0.0	0.0	0.0	5	25.69	0.69	26.54	24.87	0	0.00	0.00	0.00
10.	3	1538.9	0.3	1539.3	1538.7	3	0.4	0.6	0.6	5	25.64	0.70	26.45	24.88	5	-0.16	0.03	-0.52
20.	3	1539.0	0.2	1539.2	1538.9	3	1.3	3.0	0.3	5	25.59	0.69	26.33	24.81	5	0.12	0.91	-0.37
30.	3	1539.5	0.4	1539.7	1539.0	3	2.0	3.0	3.0	5	25.62	0.73	26.39	24.77	5	-0.04	0.91	-1.22
50.	3	1539.7	0.2	1539.9	1539.5	3	0.0	0.0	0.0	5	25.47	0.59	25.97	24.76	5	-0.35	-0.20	-0.91
75.	3	1539.0	0.4	1539.4	1538.6	3	-1.5	-1.5	-3.0	5	25.05	0.39	25.57	24.61	5	-0.56	-0.04	-1.83
100.	3	1537.6	1.8	1539.4	1535.8	3	-3.0	-3.0	-6.1	5	24.44	0.62	25.38	23.74	5	-1.29	-0.65	-2.13
125.	3	1535.0	2.5	1536.9	1532.2	3	-3.1	-2.0	-4.4	5	23.13	0.81	24.06	22.17	5	-1.64	-0.96	-2.29
150.	3	1531.9	2.4	1533.7	1529.2	3	-5.4	-3.0	-7.1	5	21.77	0.79	22.61	20.92	5	-1.98	-1.22	-3.05
200.	3	1525.5	1.1	1526.6	1524.4	3	-2.0	-0.8	-3.0	5	19.33	0.34	19.71	18.94	5	-0.88	-0.53	-1.22
250.	3	1523.0	0.2	1523.1	1522.8	3	-0.9	-0.5	-1.5	5	18.28	0.12	18.46	18.14	5	-0.48	-0.25	-0.73
300.	3	1521.4	0.9	1522.3	1520.6	3	-1.2	-0.9	-1.5	5	17.53	0.25	17.79	17.16	5	-0.39	-0.14	-0.66
400.	5	1517.5	1.8	1519.7	1515.0	5	-2.1	-1.3	-3.4	5	15.69	0.55	16.39	14.94	5	-0.81	-0.52	-1.19
500.	5	1510.3	1.5	1511.7	1508.4	5	-2.2	-1.7	-3.4	5	13.12	0.40	13.50	12.58	5	-0.76	-0.55	-1.13
600.	5	1503.4	1.1	1505.1	1502.4	5	-2.3	-2.0	-2.7	5	10.76	0.29	11.19	10.49	5	-0.77	-0.71	-0.90
700.	5	1497.8	1.2	1499.5	1496.4	5	-1.5	0.3	-2.1	5	8.85	0.31	9.29	8.50	5	-0.52	-0.04	-0.63
800.	5	1493.9	1.3	1495.9	1492.7	5	-1.0	-0.6	-1.8	5	7.43	0.30	7.92	7.15	5	-0.38	-0.29	-0.53
900.	5	1491.8	0.7	1492.7	1491.1	5	-0.6	-0.4	-0.8	5	6.48	0.15	6.69	6.32	5	-0.28	-0.23	-0.31
1000.	5	1491.2	0.7	1491.9	1490.5	5	0.1	0.2	-0.1	5	5.93	0.15	6.11	5.76	5	-0.11	-0.06	-0.15
1100.	5	1491.3	0.3	1491.8	1491.1	5	0.0	0.2	-0.3	5	5.53	0.07	5.64	5.47	5	-0.13	-0.08	-0.21
1200.	5	1491.7	0.2	1491.9	1491.4	5	0.2	0.4	0.1	5	5.20	0.07	5.27	5.12	5	-0.09	-0.06	-0.11
1300.	5	1491.9	0.4	1492.3	1491.2	5	0.0	0.1	-0.2	5	4.85	0.12	4.94	4.66	5	-0.11	-0.09	-0.15
1400.	5	1492.3	0.5	1492.9	1491.5	5	0.1	0.2	0.1	5	4.55	0.14	4.68	4.33	5	-0.09	-0.08	-0.09
1500.	5	1493.0	0.5	1493.6	1492.3	5	0.2	0.3	0.2	5	4.31	0.12	4.44	4.13	5	-0.07	-0.04	-0.04
1750.	5	1495.4	0.3	1495.6	1494.9	5	0.3	0.3	0.2	5	3.87	0.07	3.92	3.75	5	-0.05	-0.05	-0.06
2000.	5	1498.1	0.3	1498.4	1497.7	5	0.4	0.5	0.3	5	3.51	0.06	3.57	3.42	5	-0.04	-0.03	-0.06
2500.	4	1504.5	0.3	1504.7	1504.1	4	0.4	0.4	0.4	4	3.02	0.06	3.08	2.93	4	-0.02	-0.02	-0.03
3000.	3	1511.6	0.2	1511.8	1511.4	3	0.5	0.5	0.4	3	2.67	0.05	2.72	2.63	3	-0.02	-0.01	-0.02
4000.	1	1527.4	0.0	1527.4	1527.4	1	0.5	0.5	0.5	1	2.29	0.00	2.29	2.29	1	-0.01	-0.01	-0.01
5000.	1	1544.1	0.0	1544.1	1544.1	1	0.5	0.5	0.5	1	2.05	0.00	2.05	2.05	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 18 OF MARSDEN SQUARE 79 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1538.9	1.9	1541.2	1536.8	0.0	0	0.0	0.77	27.10	25.33	0.0	0	0.00	0.90	0.00
10.	4	1539.0	1.9	1541.2	1536.9	0.3	4	0.3	0.75	27.04	25.33	0.3	4	-0.08	-0.10	-0.20
20.	4	1539.0	1.7	1541.1	1537.1	0.0	4	0.0	0.70	26.92	25.32	0.0	4	-0.21	-0.03	-0.37
30.	4	1539.1	1.6	1540.9	1537.3	0.9	4	0.2	0.65	26.75	25.32	0.6	4	-0.18	0.06	0.52
50.	4	1538.8	1.2	1540.1	1537.6	0.0	4	-0.4	0.44	26.24	25.28	0.0	4	-0.54	-0.12	-1.37
75.	4	1538.0	0.6	1538.8	1537.5	0.1	4	-1.1	0.18	25.30	24.95	0.1	4	-0.77	-0.40	-1.27
100.	4	1536.5	0.5	1536.9	1535.8	0.8	4	-2.5	0.14	24.31	24.01	0.8	4	-1.25	-0.76	-1.90
125.	4	1534.4	1.1	1535.5	1532.9	0.9	4	-2.6	0.41	23.58	22.59	0.9	4	-1.34	-0.89	-1.75
150.	4	1532.1	1.4	1533.5	1530.2	0.2	4	-3.1	0.52	22.59	21.36	0.2	4	-1.41	-1.18	-1.57
200.	4	1527.8	1.3	1528.8	1526.1	0.8	4	-2.5	0.44	20.48	19.55	0.8	4	-1.07	-0.81	-1.41
250.	4	1524.5	1.1	1525.7	1523.5	0.5	4	-1.7	0.36	19.08	18.38	0.5	4	-0.77	-0.61	-0.94
300.	4	1522.8	0.9	1523.8	1521.9	0.8	4	-0.5	0.27	18.19	17.59	0.8	4	-0.31	-0.25	-0.36
400.	4	1519.6	2.0	1521.4	1517.6	0.6	4	-1.4	0.59	16.88	15.74	0.6	4	-0.57	-0.30	-0.79
500.	4	1514.3	2.9	1516.8	1511.2	0.8	4	-1.8	0.84	14.99	13.35	0.8	4	-0.72	-0.55	-0.83
600.	4	1508.4	3.0	1511.0	1505.1	0.1	3	-1.9	0.82	12.82	11.20	0.1	4	-0.63	-0.52	-0.80
700.	4	1502.1	2.3	1504.3	1499.9	0.9	4	-1.8	0.61	10.55	9.40	0.9	4	-0.37	-0.32	-0.87
800.	4	1497.3	1.9	1499.1	1495.3	0.3	4	-0.9	0.48	8.76	7.78	0.3	4	-0.37	-0.28	-0.41
900.	4	1494.6	1.4	1495.8	1492.8	0.8	4	-0.9	0.36	7.50	6.74	0.8	4	-0.34	-0.25	-0.48
1000.	4	1493.1	1.0	1494.0	1491.9	0.9	4	-0.5	0.26	6.62	6.07	0.9	4	-0.25	-0.19	-0.34
1100.	4	1492.3	1.4	1493.9	1491.0	0.8	4	-0.2	0.34	6.16	5.46	0.8	4	-0.18	-0.11	-0.26
1200.	4	1491.6	1.4	1493.2	1489.8	0.8	4	-0.2	0.35	5.58	4.76	0.8	4	-0.14	-0.11	-0.16
1300.	4	1491.4	1.7	1493.4	1489.3	0.3	4	-0.0	0.41	5.21	4.22	0.3	4	-0.09	-0.07	-0.13
1400.	4	1491.6	1.3	1492.9	1489.9	0.9	4	0.1	0.29	4.68	3.98	0.9	4	-0.07	-0.06	-0.07
1500.	4	1492.2	1.0	1493.1	1490.8	0.8	4	0.2	0.33	4.32	3.79	0.8	4	-0.04	-0.02	-0.05
1750.	4	1494.9	0.6	1495.3	1494.0	0.0	3	0.4	0.15	3.87	3.54	0.0	4	-0.03	-0.02	-0.05
2000.	4	1497.9	0.2	1498.1	1497.6	0.6	3	0.4	0.07	3.57	3.40	0.6	4	-0.03	-0.02	-0.05
2500.	2	1504.7	0.1	1504.7	1504.6	0.4	2	0.4	0.03	3.10	3.06	0.4	2	-0.02	-0.02	-0.02
3000.	2	1511.6	0.1	1511.6	1511.5	0.5	2	0.4	0.02	2.70	2.67	0.5	2	-0.02	-0.02	-0.03
4000.	1	1527.3	0.0	1527.3	1527.3	0.3	1	0.5	0.00	2.32	2.32	0.3	1	0.00	0.00	0.00
5000.	1	1545.0	0.0	1545.0	1545.0	0.5	1	0.5	0.00	2.31	2.31	0.5	1	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 29 OF MARSDEN SQUARE 79 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1540.0	1.5	1541.9	1538.8	0	0.0	0.0	0.0	5	26.45	0.74	27.63	25.85	0	0.00	0.00	0.00
10.	5	1539.6	1.7	1542.1	1537.8	4	0.2	0.6	-0.3	5	26.36	0.80	27.65	25.63	5	-0.27	0.06	-0.67
20.	5	1539.6	2.2	1543.0	1537.2	5	0.0	2.7	-1.8	5	26.26	0.99	27.84	25.23	5	-0.35	0.58	-1.22
30.	5	1539.1	2.0	1542.3	1537.2	5	-3.0	-0.9	-6.7	5	25.95	0.91	27.39	25.16	5	-1.52	-0.21	-3.35
50.	4	1538.0	0.9	1539.4	1537.2	4	0.2	0.6	0.6	4	25.26	0.41	25.82	24.84	4	-0.36	0.02	-0.61
75.	5	1537.7	0.6	1538.2	1536.8	5	-1.6	0.4	-4.6	5	24.92	0.27	25.11	24.49	5	-0.83	-0.07	-1.83
100.	5	1536.5	1.1	1538.3	1535.4	5	-1.6	0.5	-3.0	5	24.19	0.46	24.95	23.72	5	-0.80	-0.15	-1.45
125.	5	1535.1	1.3	1537.2	1534.0	5	-1.7	0.1	-2.9	5	23.43	0.51	24.26	22.99	5	-0.93	-0.18	-1.37
150.	5	1533.3	1.7	1535.2	1531.6	5	-3.5	-2.8	-4.6	5	22.52	0.63	23.27	21.88	5	-1.49	-1.23	-1.73
200.	5	1527.9	1.4	1529.7	1526.0	5	-2.8	-1.3	-5.4	5	20.22	0.52	20.86	19.48	5	-1.14	-0.65	-2.22
250.	5	1525.5	0.8	1526.2	1524.3	4	-1.5	-1.0	-2.1	5	19.05	0.28	19.30	18.63	5	-0.69	-0.51	-0.95
300.	5	1523.8	0.5	1524.2	1522.9	5	-0.5	-0.9	-1.0	5	18.21	0.18	18.35	17.90	5	-0.32	-0.10	-0.43
400.	5	1522.0	1.2	1523.6	1521.0	5	-1.0	-0.5	-1.9	5	17.11	0.37	17.61	16.80	5	-0.47	-0.33	-0.84
500.	5	1517.5	0.9	1519.1	1516.7	5	-1.4	-1.0	-1.8	5	15.19	0.28	15.68	14.97	5	-0.62	-0.55	-0.69
600.	5	1511.5	1.1	1513.3	1510.3	5	-2.2	-1.7	-3.0	5	12.97	0.32	13.50	12.64	5	-0.72	-0.64	-0.91
700.	5	1505.0	1.5	1507.0	1503.6	5	-2.0	-1.6	-2.4	5	10.75	0.40	11.28	10.37	5	-0.69	-0.59	-0.79
800.	5	1499.3	1.2	1500.9	1498.2	5	-1.7	-1.5	-2.1	5	8.82	0.31	9.22	8.54	5	-0.56	-0.50	-0.68
900.	5	1495.5	1.3	1496.9	1494.3	5	-1.1	-1.0	-1.2	5	7.41	0.32	7.77	7.11	5	-0.42	-0.37	-0.45
1000.	5	1493.5	0.7	1494.6	1493.0	5	-0.4	-0.2	-0.7	5	6.47	0.17	6.76	6.36	5	-0.24	-0.18	-0.30
1100.	5	1492.3	0.5	1493.1	1491.9	5	-0.3	-0.2	-0.5	5	5.76	0.13	5.95	5.65	5	-0.21	-0.11	-0.23
1200.	5	1491.7	0.5	1492.4	1491.2	5	-0.1	-0.0	-0.3	5	5.19	0.13	5.37	5.06	5	-0.16	-0.12	-0.20
1300.	5	1491.6	0.4	1492.1	1491.3	5	-0.0	0.1	-0.1	5	4.77	0.09	4.89	4.70	5	-0.13	-0.11	-0.16
1400.	5	1492.0	0.3	1492.4	1491.7	5	0.1	0.3	0.1	5	4.46	0.06	4.55	4.39	5	-0.09	-0.06	-0.11
1500.	4	1492.6	0.2	1492.9	1492.4	4	0.2	0.3	0.2	4	4.21	0.05	4.26	4.17	4	-0.07	-0.05	-0.09
1750.	5	1495.2	0.2	1495.6	1495.0	5	0.3	0.4	0.3	5	3.83	0.06	3.92	3.78	5	-0.04	-0.04	-0.05
2000.	5	1498.3	0.3	1498.6	1497.9	5	0.4	0.4	0.4	5	3.55	0.06	3.62	3.47	5	-0.03	-0.03	-0.04
2500.	5	1504.7	0.3	1505.0	1504.3	5	0.4	0.4	0.4	5	3.07	0.07	3.13	2.98	5	-0.03	-0.03	-0.03
3000.	4	1511.7	0.5	1512.3	1511.3	4	0.4	0.4	0.4	4	2.68	0.11	2.83	2.59	4	-0.02	-0.02	-0.03
4000.	4	1527.7	0.0	1527.8	1527.5	4	0.5	0.5	0.5	4	2.35	0.03	2.37	2.31	4	-0.01	-0.00	-0.01
5000.	4	1545.2	0.0	1545.3	1545.1	3	0.5	0.5	0.5	4	2.29	0.02	2.31	2.28	4	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 79 FOR MONTHS 1-3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	4	1534.8	0.6	1535.4	1534.2	0	0.0	0.0	0.0	0.0	5	24.24	0.30	24.52	23.91
10.	5	1535.0	0.7	1535.6	1534.2	5	0.7	3.0	-0.3	-0.3	5	24.21	0.30	24.48	23.85
20.	5	1535.1	0.5	1535.6	1534.4	5	-0.1	0.6	-1.2	-1.2	5	24.17	0.24	24.37	23.87
30.	5	1535.2	0.6	1535.8	1534.5	5	0.2	0.9	0.3	0.3	5	24.13	0.23	24.37	23.84
50.	5	1535.4	1.0	1537.2	1534.8	5	-0.2	2.1	-1.5	-1.5	5	24.06	0.36	24.69	23.81
75.	5	1534.9	0.6	1535.8	1534.3	5	-0.5	-0.2	-1.7	-1.7	5	23.66	0.20	23.94	23.43
100.	5	1533.7	0.3	1533.9	1533.1	5	-2.2	-0.5	-3.8	-3.8	5	23.04	0.14	23.14	22.79
125.	5	1532.0	0.3	1532.4	1531.5	5	-2.0	-1.5	-2.8	-2.8	5	22.20	0.15	22.35	22.02
150.	5	1529.9	0.7	1530.5	1528.8	5	-3.0	-0.6	-4.6	-4.6	5	21.22	0.26	21.48	20.80
200.	5	1524.6	1.4	1525.6	1522.1	5	-2.3	-0.6	-3.4	-3.4	5	19.02	0.49	19.37	18.18
250.	5	1522.9	1.3	1524.0	1520.7	5	-0.4	-0.4	-1.0	-1.0	5	18.18	0.42	18.53	17.46
300.	5	1523.1	0.3	1523.4	1522.9	5	0.3	1.7	-0.2	-0.2	5	17.98	0.07	18.06	17.91
400.	5	1521.9	0.7	1522.5	1520.8	5	-0.6	-0.2	-1.0	-1.0	5	17.06	0.23	17.24	16.68
500.	5	1517.7	0.5	1518.2	1517.1	5	-1.6	-1.2	-2.0	-2.0	5	15.28	0.15	15.42	15.09
600.	5	1511.7	0.7	1512.8	1510.9	5	-1.9	-1.8	-2.0	-2.0	5	13.03	0.19	13.34	12.82
700.	5	1505.3	0.9	1506.5	1504.1	5	-1.7	-0.9	-2.4	-2.4	5	10.82	0.24	11.14	10.49
800.	5	1499.5	0.4	1499.9	1498.7	5	-1.7	-0.9	-2.2	-2.2	5	8.84	0.13	8.95	8.62
900.	5	1495.5	0.4	1496.2	1495.0	4	-0.8	-0.5	-1.1	-1.1	5	7.39	0.13	7.60	7.27
1000.	5	1493.5	0.4	1493.9	1493.0	5	-0.5	-0.1	-0.7	-0.7	5	6.47	0.10	6.58	6.35
1100.	5	1492.5	0.5	1493.3	1492.0	4	-0.3	-0.2	-0.5	-0.5	5	5.79	0.12	6.00	5.69
1200.	5	1492.0	0.4	1492.7	1491.7	5	-0.1	-0.1	-0.2	-0.2	5	5.26	0.10	5.44	5.20
1300.	5	1492.0	0.3	1492.5	1491.7	3	-0.0	0.0	-0.1	-0.1	5	4.84	0.07	4.97	4.79
1400.	5	1492.3	0.3	1492.9	1492.1	5	0.2	0.2	0.1	0.1	5	4.53	0.07	4.66	4.47
1500.	5	1493.0	0.3	1493.5	1492.6	5	0.2	0.3	0.2	0.2	5	4.29	0.08	4.41	4.21
1750.	5	1495.4	0.2	1495.8	1495.2	3	0.3	0.4	0.3	0.3	5	3.87	0.04	3.94	3.82
2000.	5	1498.5	0.2	1498.8	1498.3	5	0.4	0.5	0.4	0.4	5	3.58	0.05	3.66	3.54
2500.	4	1505.2	0.2	1505.4	1505.0	2	0.4	0.4	0.4	0.4	4	3.16	0.04	3.20	3.11
3000.	4	1512.2	0.2	1512.4	1512.0	2	0.4	0.4	0.4	0.4	4	2.79	0.04	2.83	2.75
4000.	3	1527.8	0.1	1527.9	1527.7	3	0.5	0.5	0.5	0.5	3	2.37	0.02	2.39	2.35
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	2.24	0.00	2.24	2.24

SUMMARY FOR ONE DEGREE SQUARE 46 OF MARSDEN SQUARE 79 FO: MONTHS 1- 3

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	6	1534.4	0.7	1535.7	1533.5	0	0.0	0.0	0.0	6	24.02	0.29	24.59	23.77	0	0.00	0.00	0.00		
10.	7	1534.6	0.6	1535.9	1533.7	7	0.0	0.6	-3.0	7	24.02	0.27	24.59	23.77	7	-0.09	-0.03	-0.61		
20.	7	1534.6	0.5	1535.7	1533.9	7	0.3	0.6	-0.6	7	23.99	0.21	24.42	23.77	7	-0.07	0.07	-0.52		
30.	7	1534.7	0.4	1535.6	1534.0	7	0.2	0.8	-0.3	7	23.96	0.17	24.32	23.77	7	-0.09	-0.30	-0.30		
50.	7	1534.8	0.3	1535.3	1534.4	7	0.1	0.6	-0.5	7	23.86	0.14	24.06	23.68	7	-0.22	-0.03	-0.61		
75.	7	1534.5	0.3	1534.9	1534.2	6	-0.2	0.5	-0.6	7	23.57	0.15	23.77	23.38	6	-0.33	-0.32	-0.48		
100.	7	1533.9	0.8	1535.1	1532.9	7	-1.3	0.4	-3.0	7	23.13	0.37	23.76	22.70	7	-0.77	-0.01	-1.73		
125.	7	1531.7	1.0	1533.4	1530.2	7	-2.9	-2.0	-4.3	7	22.10	0.42	22.84	21.52	7	-1.32	-0.98	-1.89		
150.	7	1529.5	1.2	1531.7	1527.9	7	-2.8	-2.1	-3.9	7	21.10	0.47	21.98	20.52	7	-1.25	-0.99	-1.70		
200.	7	1526.0	1.3	1528.7	1525.0	7	-1.8	-0.4	-2.7	7	19.50	0.45	20.47	19.18	7	-0.84	-0.39	-1.16		
250.	7	1524.3	0.8	1525.9	1523.7	6	-0.8	-0.3	-1.7	7	18.66	0.28	19.20	18.43	7	-0.48	-0.30	-0.77		
300.	7	1523.6	0.5	1524.3	1523.1	7	0.1	1.0	-0.5	7	18.14	0.16	18.36	17.97	7	-0.18	-0.06	-0.35		
400.	7	1522.3	0.6	1523.5	1521.8	7	-0.7	-0.2	-1.2	7	17.20	0.19	17.57	17.02	7	-0.40	-0.23	-0.61		
500.	7	1518.3	0.9	1519.8	1517.1	7	-1.8	-1.0	-2.4	7	15.44	0.27	15.90	15.09	7	-0.66	-0.47	-0.85		
600.	8	1512.2	0.8	1512.9	1510.6	7	-1.6	-1.3	-2.1	8	13.16	0.23	13.37	12.69	7	-0.61	-0.48	-0.77		
700.	8	1506.6	1.0	1507.9	1504.5	8	-1.8	-1.2	-2.5	8	11.15	0.27	11.52	10.57	8	-0.64	-0.46	-0.82		
800.	8	1500.2	0.9	1501.8	1499.0	8	-2.1	-1.5	-2.8	8	9.03	0.23	9.44	8.73	8	-0.67	-0.54	-0.84		
900.	8	1495.8	1.0	1497.2	1494.5	7	-1.2	-0.3	-1.6	8	7.48	0.25	7.84	7.16	8	-0.42	-0.20	-0.53		
1000.	8	1493.7	0.2	1494.1	1493.4	7	-0.5	-0.2	-0.8	8	6.52	0.05	6.62	6.46	8	-0.27	-0.17	-0.35		
1100.	8	1492.3	0.2	1492.7	1491.7	7	-0.3	-0.2	-0.5	8	5.76	0.08	5.87	5.60	8	-0.21	-0.17	-0.25		
1200.	8	1491.7	0.1	1491.9	1491.3	8	-0.1	-0.1	-0.2	8	5.19	0.05	5.25	5.10	8	-0.16	-0.12	-0.19		
1300.	8	1491.7	0.0	1491.9	1491.5	8	0.0	0.2	-0.1	8	4.78	0.03	4.83	4.74	8	-0.11	-0.08	-0.15		
1400.	8	1492.1	0.1	1492.3	1491.9	8	0.1	0.2	0.1	8	4.48	0.03	4.53	4.44	8	-0.09	-0.08	-0.10		
1500.	8	1492.8	0.0	1492.9	1492.6	7	0.7	3.0	0.2	8	4.24	0.03	4.28	4.20	8	-0.05	-0.04	-0.08		
1750.	8	1495.4	0.0	1495.5	1495.1	6	0.3	0.4	0.3	8	3.86	0.02	3.89	3.81	8	-0.04	-0.03	-0.05		
2000.	8	1498.4	0.0	1498.6	1498.2	6	0.4	0.4	0.3	8	3.58	0.04	3.63	3.54	8	-0.04	-0.03	-0.04		
2500.	8	1504.9	0.0	1505.1	1504.7	5	0.4	0.4	0.4	8	3.11	0.03	3.15	3.05	8	-0.02	-0.01	-0.03		
3000.	8	1512.0	0.1	1512.4	1511.7	8	0.4	0.4	0.4	8	2.77	0.03	2.85	2.68	8	-0.02	-0.02	-0.02		
4000.	7	1527.9	0.1	1528.2	1527.8	6	0.5	0.5	0.5	7	2.40	0.03	2.47	2.38	7	-0.01	-0.00	-0.01		
5000.	5	1544.8	0.2	1544.9	1544.4	4	0.5	0.5	0.5	5	2.20	0.05	2.24	2.12	5	-0.01	-0.01	-0.01		

SUMMARY FOR ONE DEGREE SQUARE 96 OF MARSDEN SQUARE 73 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1524.4	2.2	1527.4	1521.4	0	0.0	0.0	0.0	7	20.13	0.80	21.21	19.05	0	0.00	0.00	0.00
10.	7	1524.2	1.9	1527.1	1521.6	7	-0.6	0.6	-4.3	7	19.99	0.68	21.03	19.06	7	-0.40	0.03	-1.77
20.	7	1524.1	1.7	1526.7	1521.8	7	-0.4	0.6	-3.0	7	19.88	0.61	20.83	19.06	7	-0.34	-0.03	-1.37
30.	7	1524.2	1.6	1526.3	1522.0	5	0.1	0.6	0.6	7	19.88	0.57	20.61	19.07	6	-0.05	0.67	-0.91
50.	7	1524.3	1.5	1526.3	1522.2	7	0.5	2.0	-1.8	7	19.77	0.54	20.55	19.06	7	-0.08	0.55	-0.64
75.	7	1524.6	1.7	1527.5	1522.6	7	0.4	1.5	-0.1	7	19.75	0.64	20.82	19.04	7	-0.03	0.33	-0.21
100.	7	1524.8	1.9	1528.1	1523.0	7	-0.2	1.0	-2.0	7	19.67	0.69	20.89	19.02	7	-0.22	0.09	-0.61
125.	7	1524.5	1.7	1527.2	1522.9	7	-0.4	0.4	-1.1	7	19.43	0.61	20.42	18.87	7	-0.30	-0.07	-0.57
150.	7	1524.2	1.6	1526.4	1522.5	7	-0.4	-0.1	-1.0	7	19.18	0.56	19.99	18.60	7	-0.31	-0.21	-0.52
200.	7	1523.6	1.2	1525.5	1522.4	7	-0.3	-0.5	-0.9	7	18.68	0.43	19.36	18.27	7	-0.26	-0.10	-0.43
250.	7	1523.3	0.8	1524.4	1522.4	7	-0.1	0.2	-0.7	7	18.32	0.27	18.70	18.00	7	-0.22	-0.12	-0.42
300.	7	1523.2	0.5	1523.9	1522.4	7	0.0	0.3	-0.3	7	18.01	0.18	18.23	17.74	7	-0.16	-0.11	-0.29
400.	5	1523.2	0.5	1524.0	1522.7	5	-0.1	0.2	-0.3	5	17.45	0.18	17.74	17.27	5	-0.18	-0.07	-0.25
500.	5	1522.0	0.9	1523.5	1521.3	3	-1.1	-0.5	-1.8	5	16.57	0.29	17.05	16.36	4	-0.37	-0.11	-0.68
600.	4	1518.8	2.6	1522.7	1517.2	4	-1.0	-0.2	-1.5	4	15.11	0.80	16.31	14.64	4	-0.43	-0.23	-0.55
700.	4	1514.4	4.7	1521.4	1511.1	4	-1.5	-0.4	-2.1	4	13.35	1.40	15.42	12.39	4	-0.58	-0.27	-0.72
800.	2	1510.9	8.9	1517.2	1504.6	2	-1.6	-1.3	-2.0	2	11.94	2.46	13.68	10.20	2	-0.60	-0.53	-0.67
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.26	0.00	10.26	10.26	1	-1.04	-1.04	-1.04
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	7.67	0.00	7.67	7.67	1	-0.79	-0.79	-0.79
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	7.04	0.00	7.04	7.04	1	-0.19	-0.19	-0.19
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	6.47	0.00	6.47	6.47	1	-0.17	-0.17	-0.17
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.96	0.00	5.96	5.96	1	-0.16	-0.16	-0.16
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.52	0.00	5.52	5.52	1	-0.13	-0.13	-0.13
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.14	0.00	5.14	5.14	1	-0.12	-0.12	-0.12
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.48	0.00	4.48	4.48	1	-0.08	-0.08	-0.08

SUMMARY FOR ONE DEGREE SQUARE 97 OF MARSDEN SQUARE 79 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1523.7	1.9	1528.3	1521.3	0	0	0.0	0.0	0.0	0.71	21.59	19.01	0	0	0.00	0.00	0.00
10.	12	1523.8	1.9	1528.3	1521.5	12	0	0.4	0.6	0.3	0.70	21.54	19.01	12	0	-0.04	-0.03	-0.18
20.	12	1524.0	1.9	1528.4	1521.7	12	0	0.6	1.5	0.3	0.69	21.48	19.02	12	0	-0.03	0.15	-0.13
30.	12	1524.1	1.9	1528.5	1521.8	11	0	0.5	3.0	0.3	0.68	21.43	19.01	11	0	-0.04	0.03	-0.33
50.	12	1524.3	1.7	1527.7	1522.1	12	0	0.5	3.0	-1.2	0.61	21.50	18.99	12	0	-0.12	-0.13	-0.66
75.	12	1524.4	1.5	1526.7	1522.5	12	0	0.2	0.5	-1.2	0.54	20.49	18.99	12	0	-0.10	0.01	-0.62
100.	12	1524.4	1.4	1526.4	1522.9	11	0	-0.3	1.5	-3.0	0.49	20.23	18.99	12	0	-0.29	-0.08	-1.15
125.	12	1524.3	1.2	1526.7	1522.9	12	0	-0.0	0.9	-1.7	0.41	20.19	18.84	12	0	-0.20	-0.02	-0.77
150.	12	1524.2	1.1	1526.9	1522.9	12	0	-0.3	0.6	-1.5	0.39	20.14	18.71	12	0	-0.23	0.01	-0.44
200.	12	1523.9	1.1	1526.2	1522.2	12	0	-0.2	0.5	-1.0	0.37	19.56	18.21	12	0	-0.24	-0.01	-0.51
250.	12	1523.7	0.7	1524.7	1522.4	12	0	-0.2	0.1	-0.9	0.25	18.79	17.98	12	0	-0.25	-0.14	-0.47
300.	12	1523.5	0.5	1524.2	1522.6	11	0	-0.1	0.1	-0.3	0.18	18.32	17.79	12	0	-0.16	-0.06	-0.26
400.	12	1523.4	0.6	1524.8	1522.6	12	0	-0.0	0.4	-0.3	0.20	18.61	17.29	12	0	-0.16	-0.07	-0.23
500.	12	1522.3	1.0	1524.5	1521.0	12	0	-0.6	-0.3	-1.2	0.33	17.38	16.27	12	0	-0.34	-0.11	-0.49
600.	12	1518.6	1.4	1521.5	1516.6	12	0	-1.6	-1.0	-3.0	0.42	15.95	14.44	12	0	-0.62	-0.44	-1.05
700.	10	1512.6	1.2	1514.0	1510.2	10	0	-1.8	-1.5	-2.0	0.34	13.23	12.15	10	0	-0.66	-0.57	-0.72
800.	2	1505.7	0.8	1506.3	1505.1	2	0	-2.0	-1.9	-2.2	0.23	10.63	10.30	2	0	-0.70	-0.65	-0.75

SUMMARY FOR ONE DEGREE SQUARE 9M OF MARSDEN SQUARE 79 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	18	1525.2	0.7	1526.5	1523.9	0	0.0	0.0	0.0	18	20.41	0.24	20.89	19.98	3	0.00	0.00	0.00
10.	18	1525.4	0.7	1526.7	1524.0	18	0.5	0.9	-0.3	18	20.41	0.25	20.91	19.93	18	-0.02	0.06	-0.34
20.	18	1525.6	0.7	1527.0	1523.9	18	0.5	0.9	-0.3	18	20.40	0.26	20.93	19.83	19	-0.02	0.09	-0.30
30.	18	1525.7	0.7	1527.2	1523.8	18	0.3	1.5	-1.5	18	20.39	0.28	20.94	19.73	18	-0.05	0.03	-0.30
50.	18	1525.9	0.8	1527.5	1523.8	18	0.4	1.5	-0.2	18	20.36	0.29	20.93	19.59	18	-0.06	0.03	-0.30
75.	18	1526.1	0.7	1527.1	1524.1	17	0.2	0.6	-1.0	18	20.29	0.26	20.65	19.56	18	-0.10	0.02	-0.51
100.	18	1526.2	0.8	1527.1	1524.3	18	0.1	1.5	-1.8	18	20.17	0.29	20.49	19.48	18	-0.12	0.01	-0.74
125.	18	1526.1	1.0	1527.5	1524.3	18	-0.1	1.5	-1.3	18	19.99	0.37	20.48	19.35	18	-0.22	-0.01	-1.07
150.	18	1525.9	1.1	1527.8	1523.5	16	-0.8	0.5	-3.0	18	19.73	0.41	20.46	18.94	16	-0.46	-0.01	-1.07
200.	18	1524.5	0.7	1526.0	1522.7	18	-0.4	0.3	-2.0	18	19.61	0.26	19.52	18.40	18	-0.35	-0.05	-0.85
250.	18	1524.2	0.6	1525.2	1522.6	17	-0.1	0.2	-0.7	18	18.62	0.22	18.94	18.07	17	-0.22	-0.10	-0.43
300.	18	1524.1	0.5	1525.0	1522.6	16	-0.0	0.2	-0.4	18	18.29	0.19	18.60	17.80	17	-0.19	-0.12	-0.31
400.	16	1523.9	0.5	1524.8	1522.4	16	0.0	0.8	-0.2	18	17.70	0.16	17.99	17.19	18	-0.17	-0.08	-0.22
500.	16	1523.4	0.8	1524.4	1521.0	16	-0.3	0.3	-0.9	17	16.97	0.28	17.34	16.27	17	-0.24	-0.05	-0.43
600.	16	1520.3	1.6	1523.0	1516.4	16	-1.2	-0.5	-2.0	17	15.51	0.52	16.38	14.39	17	-0.53	-0.31	-0.76
700.	14	1515.1	2.0	1517.6	1510.9	13	-1.5	-1.1	-1.9	15	13.50	0.60	14.27	12.29	15	-0.60	-0.46	-0.67
800.	3	1510.2	1.4	1511.2	1509.4	3	-1.9	-1.5	-2.2	3	11.71	0.37	12.14	11.49	3	-0.68	-0.57	-0.77

SUMMARY FOR ONE DEGREE SQUARE 3 OF MARSDEN SQUARE 90 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	%C	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	6	1540.6	2.7	1543.6	1536.4	0	0.0	1.23	28.48	25.08	0	0.00	0.00	0.00
10-	6	1540.2	2.5	1543.1	1536.0	6	-0.3	3.0	28.11	24.80	6	-0.61	-0.30	-1.00
20-	6	1539.8	2.5	1542.6	1535.5	5	-1.0	3.0	27.80	24.50	6	-1.47	-0.37	-3.61
30-	6	1539.4	2.5	1542.2	1535.0	6	-1.6	1.4	27.47	24.20	6	-1.09	-0.61	-1.60
50-	6	1538.0	2.3	1539.7	1534.0	6	-2.7	-1.0	26.22	23.61	6	-1.45	-0.81	-2.76
75-	6	1536.1	2.4	1538.7	1532.8	6	-2.1	-0.6	25.41	22.90	6	-1.13	-0.61	-2.33
100-	6	1534.7	2.8	1537.8	1531.5	6	-1.0	-0.5	24.78	22.22	6	-0.61	-0.20	-1.14
125-	6	1533.6	2.9	1537.3	1530.3	6	-1.3	0.4	24.36	21.56	6	-0.76	-0.12	-1.12
150-	6	1531.8	2.5	1535.5	1528.9	6	-3.4	-1.5	23.41	20.88	6	-1.48	-0.77	-3.22
200-	6	1527.3	1.9	1529.7	1524.6	6	-2.3	-1.0	20.87	19.03	6	-0.98	-0.50	-1.46
250-	6	1524.3	1.2	1525.8	1522.4	5	-1.5	-0.9	19.18	18.03	6	-0.71	-0.49	-1.33
300-	6	1522.2	0.8	1523.1	1520.7	6	-0.9	0.2	17.98	17.20	6	-0.46	-0.09	-0.61
400-	6	1517.8	2.0	1520.9	1515.3	6	-1.9	-1.2	16.74	14.99	6	-0.71	-0.53	-0.88
500-	6	1512.5	3.0	1517.1	1509.3	6	-1.6	-0.4	15.10	12.74	6	-0.60	-0.22	-0.91
600-	7	1505.5	2.9	1509.5	1502.3	7	-2.0	-1.3	12.41	10.45	7	-0.71	-0.51	-1.05
700-	7	1500.0	3.3	1504.7	1496.3	7	-1.6	-1.0	10.67	8.51	7	-0.56	-0.41	-0.64
800-	7	1494.8	3.3	1499.1	1489.0	6	-1.5	-0.8	8.72	6.22	7	-0.47	-0.30	-0.63
900-	7	1492.0	2.0	1495.2	1488.8	7	-0.5	1.0	7.29	5.75	7	-0.25	0.11	-0.44
1000-	7	1490.7	1.1	1492.1	1489.1	7	-0.3	0.9	6.12	5.40	7	-0.21	0.11	-0.36
1100-	7	1489.7	0.5	1490.5	1488.9	6	-0.2	0.1	5.33	4.95	7	-0.21	-0.09	-0.39
1200-	7	1489.7	0.3	1490.2	1489.4	7	0.1	0.3	4.74	4.66	7	-0.10	-0.04	-0.15
1300-	7	1490.5	0.3	1490.9	1490.1	7	0.2	0.4	4.61	4.42	7	-0.06	-0.03	-0.12
1400-	7	1491.5	0.5	1492.3	1490.8	7	0.3	0.4	4.54	4.17	7	-0.05	-0.02	-0.04
1500-	7	1492.7	0.7	1493.4	1491.6	7	0.4	0.5	4.41	3.97	7	-0.03	-0.02	-0.06
1750-	7	1496.2	0.9	1496.9	1494.8	7	0.5	0.4	4.23	3.73	7	-0.01	-0.00	-0.03
2000-	5	1499.8	1.4	1500.9	1498.3	5	0.5	0.5	4.18	3.55	5	-0.01	0.01	-0.02
2500-	5	1507.6	2.3	1509.6	1504.9	5	0.5	0.5	4.22	3.11	5	-0.01	-0.00	-0.02
3000-	2	1517.8	0.1	1517.8	1517.7	1	0.5	0.5	4.11	4.11	2	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 9 OF MARSDEN SQUARE 80 FOR MONTHS 1-3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1538.8	0.8	1540.2	1537.4	0	0.0	0.0	0.0	9	26.24	0.32	26.79	25.68	0	0.00	0.00	0.00
10.	9	1538.7	0.6	1539.4	1537.6	9	-0.3	0.7	-2.4	9	26.12	0.25	26.56	25.71	9	-0.39	0.10	-1.37
20.	9	1538.6	0.6	1539.5	1537.8	9	-0.4	0.6	-2.1	9	25.99	0.26	26.54	25.73	9	-0.38	0.06	-1.19
30.	9	1538.5	0.6	1539.4	1537.9	8	-0.0	1.2	-1.5	9	25.88	0.25	26.19	25.62	9	-0.33	0.46	-1.07
50.	9	1538.4	0.7	1539.7	1537.6	9	0.0	0.6	-0.4	9	25.69	0.31	26.13	25.23	9	-0.21	-0.04	-0.48
75.	9	1538.7	1.1	1541.1	1537.5	9	0.3	2.4	-0.7	9	25.54	0.50	26.67	25.00	9	-0.20	0.73	-0.72
100.	9	1537.9	1.0	1538.8	1535.7	9	-2.6	0.6	-6.1	9	24.97	0.46	25.46	23.97	9	-1.40	-0.52	-2.95
125.	9	1535.4	1.6	1538.2	1533.5	9	-3.2	0.4	-5.4	9	23.62	0.69	24.85	22.81	9	-1.68	-0.17	-2.57
150.	9	1533.0	2.6	1538.0	1530.1	9	-2.6	-0.2	-3.7	9	22.43	1.04	24.50	21.32	9	-1.34	-0.43	-1.80
200.	9	1528.9	3.2	1535.0	1525.3	9	-2.6	-1.5	-4.0	9	20.57	1.20	22.91	19.30	9	-1.16	-0.71	-1.57
250.	8	1524.7	2.3	1529.1	1522.8	8	-2.2	-1.5	-3.6	8	18.80	0.80	20.34	18.15	8	-0.96	-0.68	-1.57
300.	8	1521.6	1.7	1524.9	1520.2	8	-1.6	-1.2	-2.3	8	17.51	0.57	18.59	17.03	8	-0.64	-0.46	-0.76
400.	8	1516.1	1.7	1518.9	1514.4	8	-2.0	-1.5	-2.7	8	15.29	0.53	16.15	14.77	8	-0.70	-0.46	-0.81
500.	8	1510.0	1.2	1511.5	1508.3	7	-2.0	-1.5	-2.7	8	13.04	0.35	13.48	12.54	7	-0.70	-0.46	-0.91
600.	8	1503.9	1.2	1505.3	1501.7	8	-1.9	-1.4	-2.4	8	10.90	0.35	11.32	10.30	8	-0.65	-0.52	-0.76
700.	8	1498.0	1.2	1499.8	1496.5	8	-1.9	-1.6	-2.3	8	8.91	0.31	9.40	8.53	8	-0.61	-0.54	-0.70
800.	8	1492.8	1.0	1494.9	1491.9	8	-1.3	-0.8	-2.1	8	7.19	0.26	7.73	6.96	8	-0.48	-0.41	-0.64
900.	8	1489.5	0.7	1491.0	1488.9	8	-0.9	-0.6	-1.2	8	5.94	0.18	6.32	5.79	8	-0.35	-0.28	-0.43
1000.	7	1487.8	0.4	1488.5	1487.4	7	-0.3	-0.2	-0.5	7	5.10	0.10	5.27	5.01	7	-0.19	-0.09	-0.23
1100.	7	1487.8	0.2	1488.1	1487.5	7	0.1	0.2	-0.1	7	4.67	0.05	4.76	4.61	7	-0.11	-0.08	-0.14
1200.	6	1488.5	0.1	1488.7	1488.4	6	0.2	0.3	0.2	7	4.45	0.04	4.50	4.40	7	-0.05	-0.03	-0.07
1300.	6	1489.7	0.0	1489.8	1489.5	6	0.4	0.6	0.3	7	4.33	0.03	4.36	4.29	7	-0.03	-0.01	-0.04
1400.	6	1491.1	0.1	1491.3	1490.9	6	0.5	0.6	0.4	7	4.26	0.03	4.31	4.22	7	-0.01	-0.02	-0.02
1500.	6	1492.6	0.0	1492.7	1492.4	6	0.5	0.6	0.4	7	4.21	0.02	4.24	4.17	7	-0.01	-0.01	-0.02
1750.	5	1496.5	0.0	1496.6	1496.4	5	0.5	0.6	0.5	7	4.14	0.01	4.16	4.13	7	-0.01	-0.01	-0.02
2000.	3	1500.6	0.1	1500.7	1500.6	3	0.5	0.6	0.5	5	4.10	0.02	4.14	4.08	5	-0.01	-0.01	-0.01
2500.	2	1509.1	0.0	1509.1	1509.1	2	0.5	0.5	0.5	3	4.11	0.01	4.12	4.10	3	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 10 OF MARSDEN SQUARE 8U FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1538.5	0.4	1539.0	1538.0	0	0.0	0.0	0.0	6	26.02	0.18	26.23	25.80	0	0.00	0.00	0.00
10.	6	1538.2	0.6	1539.1	1537.7	5	-0.4	0.7	-2.0	6	25.84	0.27	26.23	25.55	6	-0.59	-0.07	-1.43
20.	6	1538.1	0.6	1538.8	1537.3	6	-0.6	0.9	-2.1	6	25.67	0.27	26.02	25.38	6	-0.49	0.12	-1.22
30.	6	1537.7	0.7	1538.8	1536.7	6	-1.0	-0.3	-2.1	6	25.45	0.34	25.94	25.01	6	-0.70	-0.24	-1.16
50.	6	1537.3	1.0	1538.6	1535.4	6	-0.4	0.3	-2.0	5	25.09	0.47	25.71	24.26	6	-0.54	-0.12	-1.14
75.	6	1536.6	1.7	1538.2	1533.8	6	-0.8	0.4	-2.8	6	24.53	0.73	25.29	23.38	6	-0.63	-0.20	-1.51
100.	6	1535.5	2.3	1538.0	1532.3	6	-1.6	0.4	-2.5	6	23.85	0.92	24.78	22.55	6	-0.97	-0.23	-1.42
125.	6	1534.2	2.2	1536.6	1530.8	6	-1.6	1.0	-2.7	6	23.10	0.86	24.03	21.77	6	-0.92	-0.67	-1.39
150.	6	1532.7	2.0	1535.1	1529.4	6	-1.9	1.2	-2.6	6	22.29	0.78	23.25	21.05	6	-1.01	-0.68	-1.28
200.	6	1528.5	1.2	1530.5	1527.2	5	-4.8	1.0	-13.7	6	20.39	0.45	21.11	19.91	6	-1.72	-0.49	-5.35
250.	6	1525.8	0.5	1526.6	1525.1	5	-1.3	-1.0	-2.1	6	19.17	0.19	19.42	18.93	5	-0.63	-0.18	-0.90
300.	6	1524.0	1.2	1526.3	1523.1	6	-0.8	-0.1	-1.8	6	18.27	0.39	19.05	17.99	6	-0.46	-0.18	-0.77
400.	6	1521.1	1.6	1522.3	1518.9	6	-1.5	-0.4	-2.5	6	16.81	0.51	17.22	16.11	6	-0.56	-0.28	-0.96
500.	6	1515.4	2.6	1519.0	1512.4	4	-1.9	-1.5	-2.6	6	14.59	0.78	15.71	13.69	6	-0.76	-0.60	-0.94
600.	6	1508.9	2.2	1511.6	1506.5	5	-1.9	-1.6	-2.1	6	12.27	0.63	13.04	11.56	6	-0.69	-0.60	-0.76
700.	6	1503.3	1.9	1505.4	1501.2	6	-1.7	-1.5	-2.0	6	10.29	0.51	10.83	9.72	6	-0.57	-0.52	-0.64
800.	6	1498.5	1.7	1500.4	1496.8	6	-1.6	-1.1	-2.0	6	8.60	0.43	9.07	8.16	6	-0.53	-0.43	-0.65
900.	6	1494.8	1.3	1496.3	1492.8	6	-0.9	-0.6	-1.2	6	7.22	0.33	7.60	6.74	6	-0.39	-0.29	-0.46
1000.	6	1492.1	1.4	1493.6	1489.7	6	-3.0	-0.2	-15.2	6	6.11	0.37	6.50	5.53	6	-0.25	-0.22	-0.27
1100.	6	1490.9	0.8	1491.7	1489.9	6	-0.4	-0.4	-0.6	6	5.41	0.20	5.61	4.66	6	-0.17	-0.12	-0.21
1200.	6	1490.1	0.5	1490.6	1489.4	6	-0.2	-0.1	-0.3	6	4.82	0.11	4.92	4.38	6	-0.09	-0.07	-0.11
1300.	6	1490.4	0.3	1490.8	1489.9	6	0.1	0.3	0.1	6	4.49	0.09	4.58	4.10	6	-0.07	-0.06	-0.09
1400.	6	1491.0	0.4	1491.4	1490.4	6	0.2	0.3	0.2	6	4.22	0.09	4.31	3.91	6	-0.05	-0.04	-0.07
1500.	6	1491.8	0.3	1492.2	1491.3	6	0.2	0.3	0.2	6	4.03	0.08	4.12	3.63	6	-0.03	-0.02	-0.04
1750.	6	1494.8	0.3	1495.1	1494.3	6	0.4	0.4	0.3	6	3.72	0.06	3.80	3.42	6	-0.03	-0.02	-0.04
2000.	6	1498.0	0.2	1498.4	1497.7	6	0.4	0.4	0.3	6	3.48	0.06	3.57	3.08	6	-0.03	-0.02	-0.04
2500.	3	1504.6	0.2	1504.8	1504.4	3	0.4	0.5	0.4	3	3.04	0.05	3.08	2.99	3	-0.02	-0.01	-0.03
3000.	3	1512.0	0.3	1512.3	1511.7	3	0.4	0.5	0.4	3	2.74	0.07	2.82	2.68	3	-0.02	-0.01	-0.03
4000.	2	1527.8	0.1	1527.9	1527.7	2	0.5	0.5	0.5	2	2.37	0.03	2.39	2.35	2	-0.01	-0.01	-0.01
5000.	2	1545.1	0.2	1545.2	1544.9	2	0.5	0.5	0.5	2	2.27	0.04	2.29	2.24	2	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 11 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1539.6	1.1	1541.5	1538.9	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	5	1539.5	1.0	1541.2	1538.5	5	-0.4	0.6	-1.2	0.35	6	-0.38	-0.12	-0.77
20.	5	1539.3	1.0	1540.8	1538.1	5	-0.4	0.3	-1.2	0.32	6	-0.45	-0.15	-0.91
30.	6	1539.1	0.7	1540.2	1537.9	5	-1.2	-0.3	-3.0	0.29	6	-0.67	-0.12	-1.52
50.	6	1538.3	0.6	1538.9	1537.5	6	-1.7	-1.8	-3.0	0.22	6	-0.65	-0.61	-1.34
75.	6	1537.7	0.3	1538.2	1537.3	6	0.0	0.0	0.0	0.19	6	-0.23	-0.24	-0.66
100.	6	1537.1	0.4	1537.7	1536.6	5	-1.8	-0.6	-3.0	0.22	6	-1.04	-0.49	-1.83
125.	6	1535.2	0.9	1536.1	1533.7	6	-2.5	-1.6	-4.5	0.36	6	-1.36	-0.99	-1.95
150.	6	1532.9	1.4	1534.0	1530.3	6	-2.7	-2.0	-5.1	0.53	6	-1.42	-0.76	-2.24
200.	6	1528.4	1.6	1529.9	1526.2	6	-3.0	-2.0	-4.1	0.56	6	-1.27	-1.07	-1.55
250.	6	1524.6	0.3	1524.9	1524.0	5	-1.9	-0.6	-3.8	0.11	6	-0.76	-0.35	-1.45
300.	6	1523.0	0.6	1523.9	1522.2	4	-0.6	-1.4	-0.9	0.20	6	-2.07	-0.30	-13.45
400.	6	1519.8	1.3	1522.2	1518.2	6	-1.1	-0.6	-1.4	0.42	6	-0.49	-0.36	-0.58
500.	5	1514.4	0.9	1515.5	1513.0	5	-1.6	-1.4	-1.8	0.26	5	-0.63	-0.57	-0.67
600.	5	1508.6	1.1	1509.9	1506.9	5	-1.8	-1.7	-1.9	0.30	5	-0.65	-0.52	-0.68
700.	5	1502.4	1.6	1503.6	1499.7	5	-1.9	-1.7	-2.2	0.42	5	-0.65	-0.59	-0.72
800.	3	1497.9	0.4	1498.2	1497.4	3	-1.5	-1.4	-1.7	0.14	3	-0.53	-0.49	-0.57
900.	3	1494.0	0.5	1494.5	1493.5	3	-1.1	-0.9	-1.2	0.14	3	-0.40	-0.35	-0.43
1000.	4	1491.6	0.3	1492.0	1491.4	4	-0.7	-0.5	-0.9	0.08	4	-0.30	-0.26	-0.32
1100.	3	1490.4	0.3	1490.6	1490.1	2	-0.2	-0.5	-0.5	0.06	3	-0.20	-0.13	-0.25
1200.	3	1489.9	0.2	1490.0	1489.6	2	-0.1	-0.0	-0.2	0.06	3	-0.16	-0.13	-0.18
1300.	3	1490.0	0.3	1490.2	1489.6	3	0.0	0.1	0.0	0.08	3	-0.12	-0.11	-0.12
1400.	2	1490.8	0.2	1490.9	1490.6	2	0.3	0.3	0.3	0.07	2	-0.05	-0.05	-0.05
1500.	1	1492.0	0.0	1492.0	1492.0	1	0.3	0.3	0.3	0.00	1	-0.05	-0.05	-0.05
1750.	1	1494.8	0.0	1494.8	1494.8	1	0.3	0.3	0.3	0.00	1	-0.04	-0.04	-0.04
2000.	1	1497.9	0.0	1497.9	1497.9	1	0.4	0.4	0.4	0.00	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 20 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1538.5	1.0	1540.4	1537.2	0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	10	1538.0	1.0	1540.2	1536.5	10	-1.3	-0.6	-6.1	10	-0.81	-0.17	-2.44
20.	10	1537.5	1.4	1539.9	1534.7	10	-1.6	0.3	-5.5	10	-1.00	-0.15	-2.62
30.	10	1537.0	1.4	1539.5	1534.4	10	-1.1	0.8	-2.5	10	-0.70	-0.23	-1.27
40.	10	1536.7	1.4	1538.6	1534.5	10	-0.8	0.8	-3.0	10	-0.57	-0.05	-1.02
50.	10	1535.9	1.7	1538.1	1533.3	10	-0.8	-0.3	-2.2	10	-0.64	-0.25	-1.15
75.	10	1534.7	1.9	1537.5	1531.9	10	-1.5	-0.2	-3.0	10	-0.90	-0.37	-1.52
100.	10	1533.1	2.2	1536.2	1529.3	10	-2.1	-1.1	-3.2	10	-1.02	-0.69	-1.45
125.	9	1531.2	2.2	1534.6	1527.2	9	-2.0	-1.3	-2.7	9	-0.99	-0.71	-1.27
150.	10	1528.0	1.9	1531.0	1524.3	10	-2.3	-1.0	-3.0	10	-0.93	-0.41	-1.27
200.	10	1525.4	1.2	1527.2	1523.3	10	-1.4	-0.4	-2.3	10	-0.67	-0.27	-1.02
250.	10	1524.0	0.7	1525.0	1522.7	10	-0.4	1.0	-1.2	10	-0.34	-0.10	-0.60
300.	10	1522.6	0.7	1524.3	1521.6	10	-0.5	0.1	-1.2	10	-0.34	-0.14	-0.53
400.	10	1518.5	1.5	1522.0	1516.5	9	-1.6	-0.9	-2.1	10	-0.67	-0.42	-0.90
500.	10	1512.4	1.3	1514.8	1510.7	10	-1.9	-1.4	-3.0	10	-0.66	-0.53	-1.04
600.	9	1506.9	1.5	1509.9	1505.1	9	-1.7	-0.8	-3.0	9	-0.60	-0.32	-0.91
700.	10	1501.5	1.5	1503.8	1498.5	9	-1.6	-0.7	-2.3	10	-0.57	-0.33	-0.74
800.	10	1497.4	1.8	1500.4	1493.4	10	-0.9	-0.4	-1.6	10	-0.37	-0.20	-0.54
900.	10	1494.7	1.5	1496.6	1491.0	10	-0.9	-0.6	-1.5	10	-0.37	-0.29	-0.53
1000.	10	1492.6	1.3	1494.1	1489.2	10	-0.6	-0.3	-1.3	10	-0.27	-0.19	-0.45
1100.	10	1491.7	1.2	1493.1	1489.0	9	-0.1	-0.0	-0.3	10	-0.15	-0.12	-0.19
1200.	9	1491.5	1.0	1492.7	1489.4	9	0.0	0.1	-0.1	9	-0.12	-0.09	-0.16
1300.	8	1491.7	0.8	1492.7	1490.2	7	0.1	0.1	0.1	8	-0.10	-0.06	-0.12
1400.	9	1492.4	0.7	1493.2	1491.0	8	0.2	0.4	0.1	9	-0.07	-0.04	-0.10
1500.	9	1495.1	0.4	1495.6	1494.3	9	0.3	0.4	0.3	9	-0.04	-0.02	-0.05
1750.	9	1498.3	0.3	1498.9	1497.8	8	0.4	0.4	0.4	9	-0.03	-0.02	-0.04
2000.	8	1504.7	0.4	1505.4	1504.1	7	0.4	0.4	0.4	8	-0.03	-0.02	-0.04
2500.	7	1511.8	0.2	1512.1	1511.6	7	0.4	0.5	0.4	8	-0.02	-0.01	-0.03
3000.	4	1527.6	0.2	1527.8	1527.5	4	0.5	0.5	0.5	6	-0.00	-0.00	-0.01
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 20 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1543.5	0.5	1544.1	1542.9	0	0.0	0.0	0.0	7	28.08	0.15	28.27	27.85	0	0.00	0.00	0.00
10.	7	1543.7	0.4	1544.2	1543.1	7	0.2	2.0	-1.5	7	28.10	0.11	28.28	27.98	7	0.06	0.40	-0.15
20.	7	1543.9	0.4	1544.4	1543.3	7	0.5	1.0	0.8	7	28.10	0.11	28.27	27.99	7	-0.07	0.15	-0.30
30.	7	1544.0	0.4	1544.5	1543.4	7	0.2	1.0	0.3	7	28.08	0.11	28.24	27.90	7	-0.06	0.05	-0.27
50.	7	1543.1	0.8	1544.0	1541.9	7	-5.2	0.5	-7.6	7	27.49	0.42	28.01	26.91	7	-2.63	0.04	-3.81
75.	7	1538.9	1.2	1540.9	1537.2	7	-5.0	-3.8	-6.0	7	25.40	0.57	26.36	24.65	7	-2.47	-2.01	-2.93
100.	7	1535.1	0.9	1536.5	1533.4	6	-4.8	-3.3	-6.9	7	23.62	0.40	24.25	22.91	7	-2.21	-1.63	-2.90
125.	7	1531.7	1.0	1532.9	1530.1	7	-4.0	-2.5	-5.7	7	22.09	0.39	22.57	21.53	7	-1.81	-1.22	-2.40
150.	7	1529.0	1.3	1530.7	1527.3	7	-2.9	-1.5	-4.5	7	20.92	0.46	21.50	20.32	7	-1.29	-0.76	-1.84
200.	7	1526.1	0.6	1527.0	1525.3	7	-1.3	-0.4	-2.4	7	19.54	0.21	19.87	19.23	7	-0.65	-0.23	-1.08
250.	7	1524.8	0.4	1525.4	1524.3	7	-0.6	-0.1	-1.4	7	18.81	0.17	19.04	18.58	7	-0.40	-0.23	-0.64
300.	7	1524.1	0.6	1525.1	1523.3	7	-0.3	-0.1	-0.7	7	18.30	0.22	18.63	18.04	7	-0.27	-0.20	-0.39
400.	5	1521.9	0.5	1523.5	1522.3	5	-0.6	-0.2	-1.0	6	17.35	0.17	17.57	17.14	6	-0.34	-0.22	-0.47
500.	5	1518.9	0.5	1519.2	1518.1	5	-2.1	-1.7	-2.4	6	15.58	0.13	15.70	15.38	6	-0.76	-0.62	-0.88
600.	5	1512.2	0.9	1513.5	1510.8	5	-2.1	-1.7	-2.5	6	13.18	0.24	13.54	12.77	6	-0.70	-0.52	-0.80
700.	5	1505.9	1.0	1507.1	1504.4	4	-2.1	-1.8	-2.6	6	10.98	0.23	11.29	10.58	5	-0.71	-0.64	-0.82
800.	5	1500.0	1.0	1501.5	1498.9	5	-1.7	-1.0	-2.2	6	8.95	0.25	9.37	8.72	6	-0.58	-0.41	-0.70
900.	5	1496.2	1.2	1498.3	1495.1	5	-1.0	-0.8	-1.3	6	7.48	0.38	8.10	6.93	6	-0.37	-0.30	-0.46
1000.	5	1494.1	0.9	1495.5	1493.1	5	-0.5	0.3	-0.9	6	6.55	0.33	6.98	5.98	6	-0.22	-0.06	-0.34
1100.	5	1493.3	0.6	1494.3	1492.6	5	-0.3	0.1	-0.7	6	5.89	0.35	6.27	5.22	6	-0.21	-0.11	-0.31
1200.	5	1492.8	0.8	1494.1	1492.2	4	-0.1	-0.1	-0.2	6	5.37	0.30	5.79	4.86	6	-0.15	-0.07	-0.20
1300.	5	1492.9	0.8	1494.5	1492.2	3	0.0	0.1	-0.0	6	4.98	0.27	5.46	4.64	6	-0.11	-0.07	-0.13
1400.	5	1492.9	0.8	1494.2	1492.1	4	0.1	0.2	-0.1	6	4.63	0.18	4.97	4.44	6	-0.10	-0.06	-0.15
1500.	5	1493.3	0.4	1493.9	1492.8	5	0.3	0.5	0.1	6	4.35	0.11	4.52	4.25	6	-0.06	-0.05	-0.09
1750.	5	1495.5	0.5	1496.0	1494.8	3	0.3	0.4	0.3	6	3.88	0.10	4.00	3.72	6	-0.06	-0.00	-0.13
2000.	5	1498.1	1.2	1499.5	1496.1	3	0.4	0.4	0.3	6	3.53	0.26	3.83	3.03	6	-0.03	-0.02	-0.05
2500.	5	1504.8	0.8	1505.8	1503.6	3	0.4	0.5	0.4	6	3.09	0.17	3.30	2.80	6	-0.03	-0.01	-0.04
3000.	5	1511.8	0.3	1512.0	1511.5	5	0.4	0.5	0.4	6	2.70	0.05	2.75	2.62	6	-0.02	-0.01	-0.03
4000.	4	1527.6	0.2	1527.8	1527.5	2	0.5	0.5	0.5	5	2.34	0.04	2.40	2.31	5	-0.01	-0.01	-0.01
5000.	2	1545.3	0.1	1545.3	1545.2	1	0.5	0.5	0.5	2	2.30	0.03	2.32	2.28	2	0.00	0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 23 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1536.2	1.6	1538.8	1535.0	0	0.0	0.0	0.0	5	24.87	0.68	25.98	24.31	0	0.00	0.00	0.00
10.	5	1536.1	1.3	1538.1	1535.0	5	-0.5	0.6	-2.1	5	24.72	0.56	25.59	24.28	5	-0.46	-0.09	-1.19
20.	5	1535.9	1.0	1537.4	1535.0	5	-0.4	0.3	-2.1	5	24.56	0.44	25.20	24.18	5	-0.48	-0.12	-1.19
30.	5	1535.7	0.7	1536.7	1535.0	5	-0.6	-0.3	-2.1	5	24.41	0.34	24.83	24.09	5	-0.47	-0.15	-1.13
50.	5	1535.4	0.6	1536.3	1534.8	5	-0.6	0.2	-2.0	5	24.09	0.26	24.51	23.84	5	-0.48	-0.17	-1.11
75.	5	1534.6	0.7	1535.4	1533.7	5	-1.0	-1.1	-2.1	5	23.57	0.29	23.90	23.23	5	-0.63	-0.22	-1.06
100.	5	1533.2	1.2	1535.2	1532.2	4	-1.6	-0.2	-2.7	5	22.81	0.46	23.59	22.41	5	-2.11	-0.38	-6.94
125.	5	1531.5	1.0	1532.9	1530.7	4	-2.0	-1.5	-2.8	5	21.96	0.38	22.51	21.66	5	-1.39	-0.76	-2.93
150.	5	1529.8	1.0	1531.0	1528.9	5	-2.0	-1.5	-2.7	5	21.18	0.36	21.61	20.89	5	-0.96	-0.73	-1.21
200.	5	1527.0	1.1	1528.8	1525.8	5	-1.7	-1.3	-2.3	5	19.82	0.41	20.50	19.44	5	-0.83	-0.68	-1.03
250.	5	1525.2	1.6	1527.4	1523.4	5	-1.1	-0.1	-1.8	5	18.91	0.55	19.70	18.34	5	-0.55	-0.21	-0.80
300.	5	1524.3	1.3	1525.8	1523.3	4	-0.4	-0.1	-1.0	5	18.36	0.42	18.86	18.04	5	-1.07	-0.18	-4.09
400.	5	1522.3	0.6	1523.0	1521.4	5	-0.6	-0.2	-1.1	5	17.16	0.20	17.41	16.90	5	-0.36	-0.23	-0.54
500.	4	1516.4	1.4	1517.8	1514.9	4	-1.7	-1.4	-2.0	4	14.88	0.42	15.28	14.42	4	-0.69	-0.59	-0.76
600.	4	1510.7	1.7	1512.3	1508.9	4	-1.8	-1.6	-1.9	4	12.74	0.50	13.21	12.23	4	-0.65	-0.60	-0.68
700.	4	1504.6	1.1	1506.0	1503.5	4	-1.8	-1.6	-2.1	4	10.63	0.30	11.00	10.31	4	-0.64	-0.59	-0.73
800.	4	1499.5	0.8	1500.6	1498.8	4	-1.6	-1.4	-1.8	4	8.84	0.20	9.12	8.67	4	-0.55	-0.50	-0.61
900.	4	1495.6	0.8	1496.3	1494.7	4	-1.2	-1.0	-1.3	4	7.40	0.19	7.56	7.17	4	-0.44	-0.38	-0.43
1000.	4	1492.8	0.8	1493.6	1491.7	4	-0.9	-0.8	-1.0	4	6.27	0.21	6.50	6.00	4	-0.35	-0.32	-0.37
1100.	4	1491.0	0.6	1491.8	1490.3	4	-0.5	-0.4	-0.6	4	5.44	0.16	5.64	5.26	4	-0.25	-0.23	-0.28
1200.	4	1490.5	0.2	1490.7	1490.3	4	-0.2	0.1	-0.3	4	4.90	0.05	4.96	4.83	4	-0.16	-0.10	-0.21
1300.	1	1490.4	0.0	1490.4	1490.4	1	-0.1	-0.1	-0.1	1	4.48	0.00	4.4	4.48	1	-0.15	-0.15	-0.15
1400.	1	1490.8	0.0	1490.8	1490.8	1	0.1	0.1	0.1	1	4.18	0.00	4.18	4.18	1	-0.09	-0.09	-0.09
1500.	1	1492.1	0.0	1492.1	1492.1	1	0.4	0.4	0.4	1	4.08	0.00	4.08	4.08	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 36 UF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1538.9	2.5	1543.8	1535.4	0	0.0	0.0	0.0	10	25.95	1.15	28.25	24.35	0	0.00	0.00	0.00
10.	10	1538.6	1.8	1542.1	1536.2	10	-1.1	3.0	-5.8	10	25.72	0.82	27.38	24.67	10	-0.76	1.01	-2.95
20.	10	1538.3	1.4	1541.2	1536.3	10	-0.8	2.4	-3.7	10	25.52	0.64	26.88	24.68	10	-0.60	0.76	-1.86
30.	10	1538.0	1.3	1540.5	1536.2	10	-0.8	1.5	-3.0	10	25.33	0.54	26.41	24.68	10	-0.60	0.49	-1.63
50.	10	1537.5	1.3	1539.0	1535.1	10	-1.1	0.9	-3.5	10	24.94	0.52	25.57	24.05	10	-0.78	0.11	-1.98
75.	10	1536.2	1.2	1538.1	1534.3	10	-1.6	0.1	-3.7	10	24.17	0.51	24.94	23.37	10	-0.93	-0.18	-1.76
100.	10	1535.2	1.6	1538.2	1533.3	10	-1.0	0.1	-3.0	10	23.60	0.65	24.79	22.84	10	-0.41	-0.12	-0.88
125.	10	1534.4	1.3	1537.2	1533.2	10	-1.0	0.1	-5.7	10	23.07	0.52	24.21	22.62	10	-0.64	-0.10	-2.49
150.	10	1533.4	2.0	1537.3	1529.8	10	-1.7	0.3	-4.6	10	22.54	0.77	24.07	21.22	10	-0.93	-0.12	-1.67
200.	10	1529.9	2.0	1533.3	1526.4	10	-2.9	-1.0	-7.3	10	20.91	0.73	22.22	19.69	10	-1.22	-0.60	-2.92
250.	9	1526.7	1.7	1530.2	1524.1	9	-1.9	-0.8	-3.2	9	19.47	0.60	20.76	18.58	9	-0.87	-0.53	-1.50
300.	9	1524.0	1.4	1527.1	1522.1	8	-0.8	-0.6	-1.9	9	18.29	0.49	19.36	17.65	9	-0.49	-0.30	-0.85
400.	9	1520.5	0.8	1521.1	1518.5	9	-1.3	-0.6	-3.0	9	16.61	0.25	16.79	15.99	9	-0.51	-0.36	-0.81
500.	9	1516.2	1.2	1517.7	1514.1	9	-1.7	-1.0	-2.5	9	14.81	0.35	15.25	14.20	9	-0.65	-0.44	-0.76
600.	9	1510.3	1.9	1513.5	1506.9	9	-1.8	-1.3	-2.6	9	12.63	0.54	13.52	11.67	9	-0.68	-0.53	-0.88
700.	9	1504.9	1.8	1508.0	1501.9	9	-1.5	-0.7	-1.8	9	10.68	0.47	11.51	9.88	9	-0.57	-0.33	-0.62
800.	8	1499.5	1.0	1500.9	1498.1	8	-1.6	-1.3	-2.1	8	8.81	0.26	9.16	8.46	8	-0.55	-0.47	-0.68
900.	8	1494.4	1.6	1496.1	1492.2	8	-1.6	-1.3	-1.8	8	7.10	0.40	7.52	6.53	8	-0.52	-0.45	-0.59
1000.	7	1490.9	1.0	1491.9	1489.2	7	-1.1	-0.8	-1.4	7	5.81	0.24	6.04	5.40	7	-0.41	-0.34	-0.47
1100.	4	1489.1	0.6	1490.0	1488.7	4	-0.3	-0.1	-0.5	4	4.97	0.14	5.18	4.37	4	-0.20	-0.16	-0.25
1200.	2	1489.2	0.6	1489.6	1488.7	2	-0.0	-0.1	-0.1	2	4.59	0.14	4.69	4.49	2	-0.13	-0.12	-0.15
1300.	2	1489.8	0.5	1490.1	1489.4	1	0.2	0.2	0.2	2	4.34	0.12	4.42	4.25	1	-0.07	-0.07	-0.07

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 80 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	50	1545.4	0.9	1547.9	1542.9	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	53	1545.3	0.8	1547.7	1543.1	53	-0.4	1.8	3.0	-3.0	53	-0.40	0.30	-1.58
20.	53	1545.0	0.9	1547.4	1542.7	53	-0.8	3.0	3.0	-3.4	53	-0.63	0.06	-1.83
30.	53	1544.5	1.1	1547.5	1542.2	53	-1.7	1.5	1.5	-9.1	53	-1.00	0.46	-4.27
50.	52	1542.9	1.5	1546.7	1538.6	52	-3.5	0.3	0.3	-17.7	53	-1.77	-0.09	-8.23
75.	52	1540.1	1.2	1543.6	1536.8	50	-3.2	0.4	0.4	-10.2	53	-1.70	-0.18	-5.23
100.	51	1538.0	1.4	1540.8	1534.0	49	-2.3	-0.3	-0.3	-5.0	53	-1.15	-0.06	-2.60
125.	51	1536.6	1.8	1540.0	1533.5	49	-1.8	0.5	0.5	-3.3	53	-0.94	-0.02	-1.61
150.	50	1534.7	2.0	1538.2	1531.6	48	-2.3	-0.1	-0.1	-4.8	51	-1.14	-0.23	-2.60
200.	50	1529.9	1.6	1533.5	1526.8	47	-3.0	-0.9	-0.9	-5.9	50	-1.33	-0.54	-2.42
250.	50	1526.3	1.5	1531.3	1524.1	48	-2.1	-0.8	-0.8	-3.0	50	-0.92	-0.45	-1.27
300.	50	1523.7	1.3	1529.0	1522.4	41	-1.4	-0.4	-0.4	-3.0	50	-0.57	-0.27	-1.07
400.	49	1520.1	1.3	1524.2	1518.1	46	-1.2	-0.5	-0.5	-2.1	49	-0.53	-0.33	-0.76
500.	39	1515.3	1.5	1519.1	1512.0	38	-1.5	-1.0	-1.0	-3.0	40	-0.63	-0.49	-0.65
600.	39	1509.5	1.5	1513.0	1505.4	36	-1.8	-1.4	-1.4	-2.8	40	-0.64	-0.33	-0.91
700.	38	1504.0	1.5	1507.1	1498.4	35	-1.7	-1.3	-1.3	-2.1	39	-0.59	-0.47	-0.70
800.	33	1498.0	1.5	1501.3	1492.3	30	-1.5	-1.0	-1.0	-3.0	34	-0.53	-0.41	-0.62
900.	31	1494.1	1.4	1497.0	1489.1	28	-1.4	-1.2	-1.2	-1.8	33	-0.49	-0.45	-0.61
1000.	27	1490.5	1.1	1493.5	1488.6	25	-1.1	-0.1	-0.1	-1.6	29	-0.39	-0.12	-0.53
1100.	9	1489.4	0.8	1491.1	1488.5	7	-0.4	-0.0	-0.0	-0.7	12	-0.22	-0.14	-0.30
1200.	8	1489.1	0.3	1489.7	1488.8	6	-0.1	0.1	0.1	-0.4	10	-0.14	-0.08	-0.22
1300.	1	1489.9	0.0	1489.9	1489.9	1	0.3	0.3	0.3	0.3	1	-0.05	-0.05	-0.05

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0-	15	1543.0	2.7	1545.6	1537.8	0	0.0	0.0	0.0	15	27.89	1.25	29.02	25.49	0	0.00	0.00	0.00		
10.	16	1543.2	2.6	1544.9	1538.0	15	0.4	1.8	-3.0	16	27.90	1.21	28.66	25.49	15	-0.10	0.24	-1.58		
20.	16	1543.3	2.6	1545.0	1538.1	12	0.1	0.6	0.3	16	27.87	1.21	28.63	25.49	16	-1.27	-0.03	-9.75		
30.	16	1543.5	2.6	1545.2	1538.3	16	1.2	3.0	0.6	16	27.87	1.22	28.63	25.48	16	0.21	0.91	-0.15		
50.	16	1543.8	2.6	1545.4	1538.5	14	-0.5	1.5	-3.0	16	27.83	1.21	28.61	25.48	16	-0.54	-0.08	-1.63		
75.	16	1542.4	2.0	1545.6	1538.7	16	-3.5	0.6	-7.1	16	27.00	0.92	28.49	25.36	16	-1.82	-0.08	-3.35		
100.	16	1539.8	1.3	1543.1	1537.9	16	-2.4	-0.6	-8.4	16	25.61	0.60	27.11	24.79	16	-1.37	-0.20	-4.11		
125.	16	1537.6	1.1	1539.1	1535.6	16	-2.7	-0.6	-7.6	16	24.43	0.44	25.02	23.62	16	-1.44	-0.24	-3.65		
150.	16	1534.7	2.0	1537.8	1531.6	15	-4.7	-1.3	-7.3	16	23.07	0.80	24.40	21.85	16	-2.03	-0.41	-3.17		
200.	16	1528.7	3.8	1536.7	1524.9	12	-1.9	-1.1	-3.4	16	20.52	1.42	23.57	19.17	14	-0.87	-0.61	-1.37		
250.	16	1526.0	3.6	1533.5	1523.0	16	-1.7	-1.1	-2.7	16	19.27	1.32	22.01	18.22	16	-0.76	-0.54	-1.17		
300.	15	1524.2	3.3	1530.8	1521.6	15	-0.6	-0.2	-2.0	16	18.33	1.13	20.70	17.51	16	-0.39	-0.15	-0.91		
400.	15	1521.0	2.1	1525.3	1518.8	13	-1.4	-0.3	-2.0	16	16.76	0.70	18.24	16.06	16	-0.60	-0.44	-0.85		
500.	9	1516.4	2.0	1519.1	1513.8	9	-2.0	-1.2	-2.4	10	14.78	0.64	15.71	13.98	10	-0.72	-0.46	-0.91		
600.	9	1509.9	1.8	1512.5	1507.3	8	-1.9	-1.5	-2.4	9	12.53	0.53	13.27	11.75	9	-0.73	-0.56	-1.07		
700.	9	1503.5	1.3	1506.4	1501.5	9	-2.0	-1.5	-2.8	9	10.32	0.48	11.11	9.82	9	-0.67	-0.54	-0.91		
800.	6	1498.4	2.0	1500.9	1495.5	6	-1.6	-1.1	-1.7	6	8.53	0.54	9.22	7.81	6	-0.54	-0.44	-0.61		
900.	6	1493.9	1.4	1496.3	1492.3	6	-1.4	-1.0	-1.8	6	6.96	0.37	7.58	6.58	6	-0.48	-0.37	-0.59		
1000.	5	1490.9	1.0	1492.5	1490.0	5	-0.8	-0.3	-1.2	5	5.81	0.26	6.21	5.58	5	-0.31	-0.21	-0.42		
1100.	3	1489.2	0.6	1489.8	1488.8	3	-0.3	-0.2	-0.4	3	4.98	0.13	5.13	4.89	3	-0.20	-0.18	-0.21		
1200.	1	1490.0	0.0	1490.0	1490.0	1	0.2	0.2	0.2	1	4.77	0.00	4.77	4.77	1	-0.08	-0.08	-0.08		
1300.	1	1490.7	0.0	1490.7	1490.7	1	0.2	0.2	0.2	1	4.55	0.00	4.55	4.55	1	-0.07	-0.07	-0.07		
1400.	1	1491.6	0.0	1491.6	1491.6	1	0.3	0.3	0.3	1	4.35	0.00	4.35	4.35	1	-0.06	-0.06	-0.06		
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.18	0.00	4.18	4.18	1	-0.05	-0.05	-0.05		

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSDEN SQUARE 80 FOR MONTHS 4-6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	MAX	AVG	MIN	NO	AVG	S D	MAX	MIN	MAX	AVG	MIN
0.	10	1539.8	1.5	1542.4	1538.1	0.0	0.0	0.0	10	26.46	0.66	27.67	25.70	0.00	0.00	0.00
10.	10	1539.6	1.7	1542.7	1537.5	-0.9	-0.3	-2.1	10	26.26	0.73	27.75	25.46	-0.21	-0.73	-1.40
20.	10	1539.3	1.8	1542.8	1536.9	-0.8	1.5	-2.1	10	26.02	0.76	27.63	25.19	-0.15	-0.71	-1.25
30.	10	1538.9	1.8	1542.5	1536.3	-1.4	-0.3	-3.0	10	25.75	0.78	27.39	24.83	-0.34	-0.89	-1.63
50.	10	1537.8	1.5	1540.8	1535.5	-1.4	-0.8	-3.6	10	25.14	0.64	26.48	24.25	-0.61	-0.91	-1.80
75.	10	1536.6	1.4	1539.7	1534.9	-1.3	0.1	-2.8	10	24.44	0.57	25.77	23.75	-0.15	-0.75	-1.40
100.	10	1535.7	1.8	1539.5	1533.8	-1.3	0.8	-6.1	10	23.87	0.72	25.44	23.09	-0.08	-0.75	-2.74
125.	10	1534.5	2.0	1539.0	1532.8	-1.5	0.4	-5.4	10	23.20	0.79	24.98	22.51	-0.11	-0.82	-2.34
150.	10	1533.1	2.2	1537.4	1530.0	-1.8	0.6	-5.3	10	22.45	0.83	24.09	21.29	-0.12	-0.95	-2.33
200.	9	1529.8	1.9	1533.9	1527.9	-3.1	-1.5	-6.1	9	20.89	0.69	22.43	20.18	-0.80	-1.33	-2.39
250.	9	1525.8	1.2	1527.1	1523.6	-2.0	-1.2	-2.9	9	19.20	0.43	19.64	18.41	-0.61	-0.89	-1.22
300.	9	1523.6	0.4	1524.1	1522.9	-0.3	0.3	-1.2	9	18.14	0.15	18.33	17.90	-0.05	-0.36	-0.59
400.	9	1520.5	0.6	1521.5	1519.2	-1.3	-0.9	-3.0	9	16.65	0.19	16.96	16.23	-0.45	-0.57	-1.15
500.	9	1515.6	1.4	1516.9	1512.8	-1.6	-1.4	-2.4	9	14.63	0.41	15.01	13.80	-0.71	-0.71	-0.91
600.	8	1509.1	1.6	1511.9	1506.2	-2.0	-1.5	-2.5	9	12.33	0.45	13.06	11.47	-0.59	-0.71	-0.82
700.	8	1503.0	1.4	1505.6	1500.5	-1.8	-1.1	-2.2	9	10.19	0.36	10.87	9.50	-0.65	-0.65	-0.74
800.	7	1497.3	1.3	1499.1	1495.0	-1.9	-1.3	-2.4	7	8.26	0.32	8.72	7.67	-0.59	-0.42	-0.71
900.	7	1492.2	1.5	1494.2	1489.4	-1.5	-0.8	-1.8	7	6.55	0.38	7.06	5.84	-0.51	-0.51	-0.57
1000.	7	1489.6	1.0	1490.9	1488.0	-0.3	0.1	-0.7	7	5.49	0.25	5.81	5.10	-0.21	-0.21	-0.30
1100.	7	1489.0	0.5	1489.6	1488.4	0.1	0.1	-0.4	7	4.96	0.14	5.10	4.80	-0.15	-0.15	-0.23
1200.	7	1489.2	0.4	1489.7	1488.7	0.1	0.2	0.0	7	4.60	0.09	4.71	4.47	-0.07	-0.10	-0.12
1300.	2	1490.0	0.2	1490.1	1489.8	0.2	0.2	0.2	2	4.37	0.04	4.40	4.34	-0.08	-0.09	-0.10

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSDEN SQUARE 86 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S O	MAX	MIN	NO	AVG	S O	MAX	MIN	NO	AVG	MAX	MIN	
0.	44	1546.0	1.0	1548.3	1543.3	0	0.0	0.50	30.21	27.91	0	0.00	0.00	0.00	
10.	44	1545.8	0.9	1548.2	1543.6	44	-0.6	0.9	0.43	30.04	27.96	44	-0.52	0.15	-2.87
20.	44	1545.7	0.8	1547.5	1543.0	44	-0.4	0.9	0.40	29.67	27.77	44	-0.43	0.12	-2.38
30.	44	1545.5	1.0	1547.1	1542.2	44	-1.1	1.2	0.46	29.42	27.32	44	-0.73	0.30	-4.57
40.	44	1544.3	1.9	1546.7	1539.6	43	-1.7	0.5	0.86	29.10	25.83	44	-2.39	-0.03	-61.57
75.	44	1541.0	1.2	1542.8	1538.2	42	-3.8	-0.8	0.56	27.17	24.98	43	-1.93	-0.30	-3.86
100.	44	1538.7	2.0	1540.1	1536.6	44	-2.4	1.0	0.45	25.76	24.25	44	-1.34	-0.10	-2.29
125.	44	1537.6	1.5	1539.6	1533.2	43	-1.7	0.5	0.62	25.30	22.72	44	-0.97	-0.11	-2.04
150.	44	1535.5	1.7	1538.1	1530.0	41	-2.8	-0.6	0.67	24.46	21.30	41	-1.34	-0.43	-2.53
200.	35	1529.7	1.7	1534.9	1525.4	34	-3.5	-0.8	0.62	22.80	19.33	34	-1.53	-0.30	-2.79
250.	35	1525.4	1.8	1530.9	1524.2	34	-1.8	-0.5	0.64	20.98	18.45	35	-0.81	-0.34	-1.40
300.	34	1523.8	1.4	1528.4	1522.6	32	-1.2	-0.4	0.50	19.76	17.81	34	-0.54	-0.28	-0.78
400.	37	1521.1	1.5	1523.0	1519.0	28	-0.9	-0.5	0.33	17.39	16.15	30	-0.45	-0.16	-0.72
500.	21	1515.4	1.3	1517.6	1513.3	20	-2.0	-1.1	0.39	15.23	13.96	21	-0.72	-0.48	-1.32
600.	21	1509.4	1.5	1511.9	1506.4	20	-2.0	-1.5	0.44	13.05	11.53	21	-0.72	-0.58	-0.86
700.	20	1503.6	1.6	1507.2	1501.0	19	-1.7	-1.1	0.43	11.31	9.61	21	-0.60	-0.43	-0.69
800.	19	1498.6	1.5	1502.0	1496.2	18	-1.6	-1.0	0.40	9.48	7.97	20	-0.56	-0.46	-0.74
900.	16	1493.8	1.5	1496.4	1491.1	14	-1.4	-0.6	0.40	7.60	6.92	16	-0.48	-0.28	-0.59
1000.	15	1490.8	1.7	1495.2	1488.7	15	-0.7	0.2	0.42	6.90	5.29	16	-0.3	-0.09	-0.59
1100.	16	1489.5	1.1	1491.5	1488.4	13	-0.3	0.2	0.25	5.55	4.79	16	-0.18	-0.07	-0.26
1200.	10	1489.3	0.5	1490.3	1488.7	10	0.1	0.4	0.12	4.87	4.47	13	-0.11	-0.05	-0.17
1300.	4	1490.2	0.2	1490.3	1489.8	4	0.2	0.1	0.08	4.48	4.30	6	-0.08	-0.06	-0.12

SUMMARY FOR ONE DEGREE SQUARE 37 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1544.1	0.2	1544.4	1543.6	0	0.0	0.0	0.0	8	26.45	0.05	28.52	28.38	0	0.00	0.00	0.00
10.	9	1544.6	0.0	1544.6	1544.3	8	0.6	2.1	0.9	9	28.49	0.04	28.54	28.43	8	-0.02	0.18	-0.30
20.	9	1544.6	0.0	1544.7	1544.4	9	1.4	3.0	3.0	9	28.48	0.04	28.52	28.41	9	0.20	0.51	0.30
30.	9	1544.9	0.0	1545.0	1544.6	7	0.7	3.0	1.5	9	28.52	0.04	28.58	28.44	9	0.03	0.61	-0.30
40.	9	1545.0	0.2	1545.2	1544.5	9	-1.1	-1.0	-2.0	9	28.43	0.06	28.53	28.32	9	-0.71	-0.20	-1.32
75.	9	1543.1	0.5	1543.9	1542.2	9	-4.6	-3.0	-7.6	9	27.28	0.26	27.68	26.89	9	-2.38	-1.37	-3.56
100.	9	1540.0	1.0	1542.0	1538.9	8	-2.4	-1.2	-4.8	9	25.67	0.43	26.51	25.13	9	-1.31	-0.30	-2.22
125.	9	1537.7	1.0	1539.5	1536.0	9	-2.8	-1.0	-4.4	9	24.48	0.39	25.17	23.85	9	-1.44	-0.06	-2.05
150.	9	1534.5	1.2	1536.3	1532.6	6	-5.0	-3.9	-6.5	9	22.99	0.45	23.67	22.37	9	-2.25	-1.80	-2.73
200.	9	1528.0	1.0	1527.5	1527.0	8	-2.1	-1.4	-2.8	9	20.23	0.35	20.76	19.86	9	-0.93	-0.68	-1.22
250.	9	1524.9	0.9	1527.1	1524.0	9	-1.9	-1.5	-2.6	9	18.87	0.33	19.64	18.53	9	-0.83	-0.68	-1.03
300.	9	1522.9	0.9	1524.7	1522.1	7	-0.5	-0.2	-0.9	9	17.92	0.30	18.54	17.64	8	-0.32	-0.24	-0.43
400.	9	1519.5	0.7	1521.0	1518.6	9	-1.4	-1.2	-1.9	9	16.32	0.23	16.78	16.05	9	-0.60	-0.50	-0.75
500.	4	1513.6	0.8	1514.3	1512.5	4	-1.9	-1.7	-2.1	4	14.05	0.23	14.23	13.74	4	-0.71	-0.64	-0.78
600.	4	1507.6	0.6	1508.1	1506.8	4	-1.8	-1.5	-2.2	4	13.45	0.18	12.00	11.65	4	-0.64	-0.57	-0.75
700.	4	1502.1	0.9	1503.0	1501.1	4	-1.7	-1.6	-1.9	4	9.92	0.24	10.18	9.66	4	-0.59	-0.55	-0.65
800.	4	1497.1	0.6	1497.6	1496.3	2	-1.7	-1.4	-1.9	4	8.18	0.15	8.34	8.00	4	-0.54	-0.48	-0.63
900.	3	1493.1	0.3	1493.3	1492.7	3	-1.2	-0.9	-1.5	3	6.74	0.07	6.79	6.66	3	-0.45	-0.37	-0.51
1000.	2	1490.4	0.1	1490.6	1490.2	1	-0.4	-0.4	-0.4	2	5.67	0.04	5.69	5.64	2	-0.26	-0.21	-0.30
1100.	2	1489.3	0.3	1489.5	1489.1	2	-0.3	-0.2	-0.5	2	5.07	0.07	5.07	4.97	2	-0.20	-0.17	-0.22
1200.	2	1489.3	0.3	1489.5	1489.1	1	0.0	0.0	0.0	2	4.61	0.06	4.65	4.57	2	-0.11	-0.11	-0.12

SUMMARY FOR ONE DEGREE SQUARE 44 OF MARSDEN SQUARE 80 FOR MONTHS 1-3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1534.6	0.2	1535.0	1534.2	0	0.0	0.0	0.0	7	24.00	0.38	24.30	23.17	0	0.00	0.00	0.00
10.	6	1534.6	0.2	1535.0	1534.2	6	0.2	0.3	0.3	7	23.42	0.35	24.22	23.17	7	-0.18	-0.03	-0.61
20.	6	1534.6	0.3	1535.0	1534.2	6	0.7	3.0	-0.3	7	23.88	0.34	24.15	23.16	7	-0.06	-0.03	-0.21
30.	6	1534.7	0.2	1535.0	1534.3	6	0.2	0.6	0.3	7	23.84	0.31	24.10	23.18	7	-0.17	0.10	-0.61
50.	6	1534.8	0.4	1535.3	1534.0	6	0.2	0.5	-0.2	7	23.76	0.30	24.07	23.19	7	-0.08	-0.05	-0.23
75.	6	1535.0	0.4	1535.7	1534.6	5	0.3	0.5	0.4	7	23.68	0.33	24.07	23.04	7	3.63	26.31	-0.41
100.	6	1535.2	0.6	1535.9	1534.4	6	-0.3	0.6	-3.0	7	23.56	0.44	23.98	22.71	7	-0.34	0.01	-1.68
125.	6	1533.3	1.2	1534.8	1531.5	6	-2.3	-0.2	-3.5	7	22.70	0.44	23.33	22.03	7	-1.05	-0.34	-1.57
150.	6	1531.3	1.7	1533.5	1528.9	6	-2.8	-1.7	-3.8	7	21.82	0.60	22.65	20.89	7	-1.18	-0.71	-1.52
200.	6	1527.4	2.3	1531.1	1525.1	6	-2.1	-1.2	-3.5	7	20.10	0.82	21.36	19.18	7	-0.95	-0.30	-1.64
250.	5	1525.5	1.2	1527.1	1524.6	5	-1.1	-0.2	-2.9	6	19.14	0.41	19.62	18.75	6	-0.56	-0.26	-1.19
300.	5	1524.3	1.2	1526.3	1523.2	4	-0.8	-0.4	-2.0	6	18.43	0.40	19.04	18.04	5	-0.39	-0.12	-0.82
400.	5	1523.1	1.5	1524.7	1521.2	5	-0.4	0.2	-1.0	6	17.54	0.48	17.98	16.85	6	-0.30	-0.12	-0.61
500.	5	1519.6	1.9	1522.8	1518.3	5	-1.1	-0.9	-1.5	6	16.06	0.70	17.02	15.47	6	-0.47	-0.35	-0.61
600.	5	1514.8	2.4	1518.8	1512.8	3	-1.8	-1.5	-2.4	6	14.17	0.84	15.29	13.33	5	-0.66	-0.54	-0.81
700.	5	1508.1	2.2	1511.4	1505.5	5	-2.1	-1.9	-2.3	6	11.82	0.78	13.00	10.89	6	-0.72	-0.66	-0.82
800.	4	1502.2	2.2	1504.9	1499.7	4	-1.8	-1.5	-2.0	5	9.82	0.76	10.87	9.93	5	-0.62	-0.51	-0.69
900.	4	1497.0	1.9	1499.5	1495.4	3	-1.5	-1.2	-1.9	5	8.01	0.65	8.92	7.38	5	-0.54	-0.45	-0.62
1000.	4	1493.3	1.8	1495.5	1491.2	4	-1.1	-0.6	-1.3	5	6.57	0.50	7.16	5.91	5	-0.44	-0.28	-0.51
1100.	4	1491.5	1.1	1492.9	1490.2	4	-0.5	-0.3	-0.7	5	5.62	0.28	5.90	5.24	5	-0.25	-0.20	-0.30
1200.	4	1490.6	0.8	1491.6	1489.7	4	-0.1	-0.2	-0.4	5	5.01	0.22	5.27	4.71	5	-0.16	-0.09	-0.22
1300.	4	1491.0	0.7	1491.8	1490.1	4	0.1	0.2	0.1	5	4.65	0.15	4.81	4.41	5	-0.11	-0.08	-0.16
1400.	3	1491.2	0.5	1491.5	1490.6	3	0.2	0.2	0.1	4	4.33	0.12	4.44	4.15	4	-0.08	-0.05	-0.10
1500.	3	1492.0	0.6	1492.4	1491.4	3	0.3	0.4	0.2	4	4.13	0.15	4.28	3.93	4	-0.05	-0.03	-0.07
1750.	3	1494.9	0.5	1495.5	1494.6	3	0.3	0.4	0.3	4	3.80	0.13	3.91	3.68	4	-0.04	-0.03	-0.06
2000.	3	1498.1	0.6	1498.7	1497.6	3	0.4	0.4	0.4	4	3.54	0.12	3.65	3.39	4	-0.03	-0.02	-0.04
2500.	1	1505.4	0.0	1505.4	1505.4	1	0.5	0.5	0.5	2	3.20	0.05	3.23	3.16	2	-0.02	-0.02	-0.03
3000.	1	1512.6	0.0	1512.6	1512.6	1	0.4	0.4	0.4	2	2.84	0.11	2.91	2.76	2	-0.02	-0.02	-0.03
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.31	0.00	2.31	2.31	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 80 FOR MONTHS 1-3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	ND	AVG	S D	MAX	MIN	ND	AVG	S D	MAX	MIN	ND	AVG	MAX	MIN	
0.	5	1535.3	0.4	1535.7	1534.7	0	0.0	0.0	0.0	0.0	5	24.38	0.17	24.56	24.10
10.	5	1535.3	0.3	1535.7	1534.8	5	0.2	0.3	0.3	0.3	5	24.33	0.16	24.48	24.06
20.	5	1535.4	0.2	1535.6	1534.9	5	0.0	0.6	0.6	-0.6	5	24.28	0.15	24.38	24.02
30.	5	1535.4	0.3	1535.6	1534.9	5	0.0	0.3	0.3	-0.6	5	24.23	0.15	24.32	23.97
50.	5	1535.4	0.5	1535.8	1534.8	5	-0.2	0.3	0.3	-0.8	5	24.09	0.19	24.25	23.83
75.	5	1535.2	0.9	1536.0	1533.9	5	-0.2	0.4	-1.1	-1.1	5	23.83	0.33	24.16	23.39
100.	5	1534.8	1.5	1536.2	1532.5	5	-0.4	0.2	-2.3	-2.3	5	23.51	0.56	24.06	22.66
125.	5	1534.0	2.0	1535.7	1530.6	5	-1.0	-0.4	-2.3	-2.3	5	23.03	0.76	23.67	21.74
150.	5	1532.9	2.4	1535.0	1528.9	5	-1.7	-1.0	-2.1	-2.1	5	22.42	0.88	23.23	20.94
200.	5	1530.0	2.3	1532.4	1526.3	5	-1.9	-1.3	-2.3	-2.3	5	20.99	0.83	21.87	19.67
250.	5	1526.5	1.0	1527.3	1524.8	4	-1.4	-0.9	-2.3	-2.3	5	19.43	0.36	19.71	18.82
300.	5	1524.1	0.4	1524.6	1523.6	5	-1.0	-0.3	-2.5	-2.5	5	18.28	0.17	18.47	18.09
400.	5	1521.1	1.6	1522.3	1518.4	5	-1.5	-0.8	-2.7	-2.7	5	16.81	0.51	17.20	15.98
500.	5	1515.4	2.2	1518.3	1512.8	5	-2.0	-1.1	-2.4	-2.4	5	14.57	0.65	15.43	13.79
600.	5	1509.0	2.7	1513.2	1505.9	4	-1.9	-1.5	-2.2	-2.2	5	12.26	0.75	13.44	11.42
700.	5	1503.1	2.1	1506.4	1500.6	4	-1.7	-1.5	-2.1	-2.1	5	10.22	0.57	11.11	9.57
800.	4	1498.4	1.7	1500.3	1496.3	3	-1.4	-1.1	-1.8	-1.8	5	8.42	0.45	9.03	7.95
900.	4	1494.2	0.7	1494.8	1493.1	3	-1.3	-1.0	-1.7	-1.7	5	6.95	0.27	7.20	6.56
1000.	4	1491.2	0.3	1491.4	1490.9	4	-0.6	-0.2	-1.0	-1.0	4	5.80	0.27	5.95	5.81
1100.	3	1490.4	0.4	1490.9	1490.1	3	-0.1	-0.2	-0.2	-0.2	3	5.30	0.11	5.42	5.22
1200.	3	1490.6	0.2	1490.7	1490.4	2	0.0	0.0	-0.1	-0.1	3	4.92	0.04	4.95	4.88
1300.	3	1490.9	0.3	1491.3	1490.7	3	0.1	0.3	0.1	0.1	3	4.61	0.08	4.70	4.56
1400.	2	1491.6	0.8	1492.2	1491.0	2	0.2	0.3	0.1	0.1	2	4.38	0.21	4.52	4.23
1500.	2	1492.5	0.9	1493.1	1491.8	1	0.2	0.2	0.2	0.2	2	4.17	0.23	4.33	4.01
1750.	1	1495.0	0.0	1495.0	1495.0	1	0.4	0.4	0.4	0.4	1	3.79	0.00	3.79	3.79
2000.	1	1498.5	0.0	1498.5	1498.5	1	0.4	0.4	0.4	0.4	1	3.62	0.00	3.62	3.62

SUMMARY FOR ONE DEGREE SQUARE 46 OF MARSDEN SQUARE 80 FOR MONTHS 1-3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	20	1534.5	0.0	1534.8	1534.2	0	0.0	0.0	0.0	20	24.02	0.07	24.14	23.90	0	0.00	0.00	0.00
10.	20	1534.6	0.0	1534.9	1534.3	20	0.4	0.6	-0.6	20	24.01	0.07	24.14	23.86	20	-0.02	0.03	-0.07
20.	20	1534.8	0.0	1535.1	1534.6	20	0.5	0.6	0.3	20	24.02	0.07	24.14	23.89	20	0.00	0.03	-0.04
30.	20	1534.9	0.0	1535.2	1534.7	19	0.5	0.6	0.3	20	24.01	0.07	24.14	23.87	20	-0.00	0.03	-0.06
50.	20	1535.3	0.0	1535.6	1535.1	20	0.5	1.5	0.3	20	24.01	0.06	24.14	23.89	20	-0.01	0.02	-0.09
75.	20	1535.7	0.0	1536.0	1535.4	20	0.6	1.5	0.2	20	24.01	0.06	24.15	23.85	20	-0.00	0.06	-0.16
100.	20	1536.0	0.1	1536.4	1535.5	20	0.4	0.6	-0.1	20	23.99	0.09	24.15	23.78	20	-0.04	0.04	-0.41
125.	20	1536.1	0.3	1536.7	1535.2	20	-0.1	0.4	-1.0	20	23.83	0.15	24.09	23.48	20	-0.25	-0.04	-0.51
150.	20	1535.7	0.5	1536.6	1534.4	20	-0.6	0.2	-3.5	20	23.50	0.22	23.88	23.00	20	-0.46	-0.09	-1.52
200.	20	1531.0	0.9	1533.3	1529.6	20	-3.9	-2.2	-5.5	20	21.36	0.34	22.23	20.81	20	-1.69	-1.00	-2.36
250.	20	1526.7	0.8	1528.6	1524.6	19	-2.2	-0.3	-2.8	20	19.50	0.28	20.15	18.75	19	-0.96	-0.30	-1.16
300.	20	1524.5	0.4	1526.0	1523.8	20	-1.0	0.2	-2.4	20	18.45	0.16	18.92	18.20	20	-0.54	0.12	-0.99
400.	20	1521.8	0.8	1523.1	1520.6	18	-1.0	-0.1	-1.5	20	17.04	0.22	17.43	16.71	18	-0.46	-0.17	-0.65
500.	19	1517.1	0.8	1518.4	1515.5	19	-1.6	-1.2	-2.3	19	15.10	0.22	15.48	14.80	19	-0.63	-0.35	-0.85
600.	18	1510.6	0.8	1512.2	1509.5	18	-2.1	-1.7	-2.6	18	12.72	0.22	13.18	12.44	18	-0.75	-0.63	-0.89
700.	16	1504.2	0.9	1505.5	1501.5	18	-1.9	-1.4	-2.5	18	10.52	0.25	10.86	9.80	18	-0.66	-0.52	-0.83
800.	18	1499.0	1.0	1500.7	1496.3	18	-1.5	-1.3	-2.3	18	8.73	0.26	9.10	8.02	18	-0.54	-0.45	-0.50
900.	18	1494.1	0.7	1495.2	1492.5	18	-1.5	-1.1	-1.8	18	7.04	0.18	7.33	5.63	18	-0.52	-0.42	-0.61
1000.	17	1490.8	0.7	1492.1	1489.6	17	-0.8	-0.1	-1.3	17	5.79	0.18	6.12	5.51	17	-0.34	-0.16	-0.44
1100.	17	1489.4	0.8	1491.4	1488.7	17	-0.4	0.1	-0.8	17	5.06	0.16	5.54	4.89	17	-0.21	-0.09	-0.32
1200.	14	1490.1	0.4	1491.4	1489.7	13	0.2	0.3	-0.1	14	4.81	0.10	5.12	4.73	13	-0.06	-0.05	-0.15
1300.	14	1490.8	0.1	1491.5	1490.7	14	0.2	0.3	0.0	14	4.60	0.05	4.76	4.54	14	-0.06	-0.05	-0.11
1400.	13	1491.7	0.0	1492.0	1491.2	13	0.3	0.3	0.2	13	4.40	0.04	4.47	4.28	13	-0.06	-0.05	-0.09
1500.	13	1492.6	0.0	1492.7	1492.3	13	0.3	0.3	0.2	13	4.22	0.03	4.24	4.14	13	-0.06	-0.04	-0.07

SUMMARY FOR ONE DEGREE SQUARE 46 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	22	1545.7	0.7	1547.3	1544.6	0	0.0	0.0	0.0	25	29.15	0.32	29.96	28.66	0	0.00	0.00	0.03
10-	26	1545.6	0.3	1546.3	1544.8	22	-0.6	2.1	-5.5	26	29.00	0.15	29.30	28.68	25	-0.46	0.58	-3.05
20-	26	1545.7	0.3	1546.4	1545.0	25	0.4	1.5	0.3	26	28.98	0.13	29.26	28.68	26	-0.05	0.30	-0.34
30-	26	1545.9	0.3	1546.5	1545.2	25	0.7	3.0	0.3	26	28.99	0.13	29.26	28.71	26	0.04	0.61	-0.18
50-	26	1546.3	0.4	1547.1	1544.6	23	-0.3	1.5	-7.6	26	28.97	0.21	29.30	28.21	26	-0.41	0.34	-3.73
75-	26	1542.6	1.5	1545.8	1539.7	23	-7.6	-3.0	-12.0	26	27.07	0.68	28.52	25.75	26	-3.89	-1.52	-5.79
100-	26	1538.3	0.7	1539.6	1536.5	25	-4.2	-1.5	-6.9	26	24.94	0.30	25.48	24.18	26	-2.13	-0.91	-3.23
125-	26	1535.6	0.8	1536.8	1534.0	25	-3.7	-1.8	-6.1	26	23.63	0.31	24.10	23.00	26	-1.71	-0.95	-2.62
150-	26	1532.5	1.0	1534.2	1530.8	25	-4.0	-1.8	-5.8	26	22.23	0.38	22.91	21.55	26	-1.76	-1.07	-2.47
200-	26	1527.2	0.6	1528.8	1526.0	22	-2.6	-1.4	-3.6	26	19.97	0.23	20.54	19.54	26	-1.14	-0.66	-1.47
250-	26	1524.9	0.5	1526.2	1523.7	23	-0.9	-0.3	-2.0	26	18.85	0.19	19.28	18.47	26	-0.49	-0.18	-0.88
300-	26	1523.9	0.3	1524.6	1523.0	21	-0.5	0.2	-1.3	26	18.23	0.12	18.49	17.97	26	-0.34	-0.10	-0.65
400-	25	1522.7	0.4	1523.6	1521.5	20	-0.4	-0.2	-1.0	26	17.32	0.14	17.58	16.94	26	-0.31	-0.15	-0.61
500-	18	1519.3	1.0	1521.6	1517.4	14	-1.4	-0.6	-2.2	18	15.75	0.32	16.36	15.18	18	-0.58	-0.34	-0.81
600-	18	1512.6	1.3	1515.7	1511.0	15	-2.0	-1.6	-2.8	18	13.30	0.36	14.11	12.85	18	-0.73	-0.61	-0.94
700-	18	1504.9	0.9	1506.4	1503.4	17	-2.3	-1.5	-3.0	18	10.70	0.26	11.12	10.25	18	-0.77	-0.61	-0.93
800-	18	1498.7	0.9	1500.2	1497.2	14	-1.9	-1.4	-2.4	18	8.63	0.22	9.02	8.25	18	-0.61	-0.46	-0.77
900-	14	1494.1	0.5	1494.9	1493.2	12	-1.5	-1.1	-3.0	15	7.03	0.14	7.25	6.83	15	-0.45	-0.30	-0.57
1000-	13	1491.2	0.3	1492.1	1490.8	10	-0.7	-0.1	-1.2	13	5.89	0.09	6.13	5.77	13	-0.32	-0.16	-0.43
1100-	10	1489.9	0.3	1490.3	1489.2	7	-0.3	-0.2	-0.6	11	5.17	0.09	5.32	4.99	11	-0.20	-0.13	-0.27
1200-	10	1489.9	0.2	1490.2	1489.5	8	0.1	0.2	-0.0	11	4.77	0.07	4.85	4.67	11	-0.10	-0.07	-0.15
1300-	9	1490.6	0.2	1490.9	1490.3	8	0.2	0.3	0.2	10	4.52	0.05	4.59	4.44	10	-0.07	-0.06	-0.10
1400-	8	1491.4	0.0	1491.7	1491.2	8	0.3	0.4	0.2	9	4.34	0.04	4.40	4.26	9	-0.06	-0.04	-0.07
1500-	8	1492.4	0.0	1492.7	1492.3	8	0.3	0.4	0.3	9	4.18	0.04	4.24	4.12	9	-0.05	-0.04	-0.06

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTHS 1-3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	320	1534.5	0.4	1537.8	1532.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	323	1534.6	0.3	1537.6	1533.5	0.3	4.3	-7.3	0.21	25.23	23.63	326	326	-0.06	3.72	-3.32
20.	344	1534.7	0.3	1537.5	1533.7	0.3	3.7	-4.0	0.18	25.11	23.64	300	300	-0.08	1.23	-1.89
30.	344	1534.9	0.3	1537.5	1534.0	0.3	3.0	-2.1	0.16	25.08	23.66	343	343	-0.05	0.43	-1.07
50.	346	1535.2	0.2	1537.7	1534.3	0.6	3.0	-0.8	0.15	25.03	23.66	340	340	0.03	2.59	-0.56
75.	346	1535.7	0.0	1538.0	1534.6	0.8	3.0	-0.8	0.14	24.97	23.64	313	313	-0.01	0.30	-0.55
100.	346	1536.1	0.0	1538.0	1534.9	0.5	3.0	-3.0	0.14	24.80	23.57	345	345	-0.02	0.21	-1.37
125.	346	1536.4	0.0	1537.7	1533.0	0.4	1.3	-2.8	0.18	24.50	22.63	321	321	-0.05	0.30	-1.34
150.	346	1536.6	0.5	1537.9	1530.6	0.4	6.1	-5.5	0.32	24.36	21.52	347	347	-0.27	2.13	-2.64
200.	339	1531.8	2.3	1538.4	1525.3	329	-4.4	0.8	0.92	24.24	19.29	337	337	-1.90	0.11	-9.39
250.	326	1525.9	1.5	1536.0	1522.6	314	-2.8	-0.1	0.55	22.98	18.10	326	326	-1.19	-0.24	-2.38
300.	299	1523.7	0.7	1531.7	1521.8	280	-1.2	0.4	0.33	21.01	17.54	295	295	-0.59	1.88	-3.33
400.	277	1519.8	1.1	1526.7	1516.8	249	-1.3	-0.1	0.39	18.65	15.50	262	262	-0.57	-0.19	-0.67
500.	268	1514.3	1.4	1521.9	1511.2	251	-1.7	-1.1	0.44	16.55	13.36	260	260	-0.67	-0.25	-1.24
600.	233	1508.3	1.5	1517.5	1505.3	216	-1.8	-0.9	0.35	12.86	9.57	233	233	-0.66	-0.19	-1.57
700.	225	1503.3	1.2	1512.8	1500.6	214	-1.5	-0.5	0.37	11.04	7.83	226	226	-0.54	-0.28	-1.27
800.	220	1499.4	1.3	1507.8	1495.7	199	-1.1	-0.1	0.45	9.77	5.99	222	222	-0.43	-0.12	-0.72
900.	216	1494.7	1.7	1504.7	1489.9	205	-1.4	-0.2	0.42	8.63	5.31	221	221	-0.49	-0.19	-0.67
1000.	215	1491.6	1.6	1502.0	1488.9	206	-0.9	-0.1	0.35	7.58	4.74	219	219	-0.35	-0.15	-0.48
1100.	209	1490.4	1.3	1499.6	1488.2	192	-0.3	0.2	0.30	6.63	4.19	206	206	-0.21	0.36	-0.34
1200.	200	1490.2	1.1	1497.5	1487.5	191	-0.0	0.5	0.24	5.77	4.05	210	210	-0.13	-0.00	-0.29
1300.	187	1490.8	0.8	1495.7	1488.6	184	0.2	0.5	0.39	5.03	4.04	203	203	-0.08	-0.02	-0.26
1400.	162	1491.7	0.3	1494.3	1490.2	145	0.3	0.5	0.17	5.03	4.04	163	163	-0.07	0.13	-0.78
1500.	120	1492.7	0.0	1494.0	1491.5	116	0.3	0.5	0.12	4.53	3.95	127	127	-0.06	-0.00	-0.17
1750.	1	1494.8	C.0	1494.8	1494.8	1	0.3	0.3	0.00	3.74	3.74	1	1	-0.05	-0.05	-0.05

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSHEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	75	1538.5	1.2	1543.6	1536.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	76	1538.1	1.1	1543.1	1536.3	75	-1.3	0.9	-4.3	-0.9	75	-0.82	0.18	-2.13
20.	76	1537.7	1.0	1542.9	1536.1	76	-1.1	0.9	-3.4	-0.9	76	-0.69	0.18	-1.74
30.	76	1537.5	1.0	1542.6	1536.0	76	-0.8	0.9	-2.7	-0.7	76	-0.60	0.18	-1.71
50.	76	1537.2	0.8	1540.5	1535.9	75	-0.3	0.6	-4.3	-0.9	76	-0.41	1.37	-2.10
75.	76	1537.0	0.7	1539.5	1535.4	76	-0.3	1.8	-3.0	-0.9	76	-0.37	0.35	-1.41
100.	76	1536.7	0.6	1538.7	1534.1	75	-0.4	1.8	-3.8	-0.9	75	-0.39	0.45	-1.63
125.	76	1536.6	1.0	1538.9	1533.5	76	-0.2	0.7	-3.3	-0.9	76	-0.31	-0.02	-1.56
150.	76	1536.1	1.5	1537.7	1532.0	76	-0.7	0.6	-6.1	-0.9	76	-0.47	-0.01	-2.74
200.	76	1531.4	2.1	1535.2	1527.1	75	-3.8	-1.5	-8.3	-0.9	75	-1.63	-0.51	-3.21
250.	76	1525.8	0.9	1528.0	1524.2	75	-2.8	-0.8	-5.2	-0.9	76	-1.16	-0.19	-2.06
300.	76	1523.7	0.3	1524.7	1522.5	75	-1.2	-0.5	-2.1	-0.9	76	-0.57	-0.15	-0.89
400.	76	1520.7	0.8	1523.3	1518.2	76	-0.9	-0.1	-1.7	-0.9	76	-0.46	-0.20	-0.71
500.	75	1515.7	1.0	1519.1	1513.2	75	-1.6	-1.2	-2.2	-0.9	75	-0.64	-0.55	-0.81
600.	75	1508.5	1.5	1513.7	1505.6	71	-2.2	-1.6	-3.5	-0.9	72	-0.79	-0.62	-1.15
700.	75	1502.8	1.5	1508.0	1500.5	74	-1.7	-1.1	-2.4	-0.9	74	-0.61	-0.44	-0.80
800.	74	1498.3	1.3	1502.6	1494.0	74	-1.3	-0.3	-3.0	-0.9	75	-0.47	-0.21	-0.76
900.	74	1492.7	1.1	1497.1	1489.1	74	-1.7	-1.0	-2.0	-0.9	75	-0.57	-0.39	-0.65
1000.	72	1488.9	1.0	1492.2	1487.7	72	-1.1	-0.2	-1.5	-0.9	72	-0.40	-0.10	-0.51
1100.	70	1488.6	0.7	1491.3	1487.7	68	-0.0	0.2	-0.3	-0.9	70	-0.13	-0.09	-0.20
1200.	70	1488.8	0.5	1490.9	1487.8	70	0.0	0.4	-0.3	-0.9	70	-0.11	-0.02	-0.20
1300.	66	1489.1	0.4	1490.8	1488.3	66	0.1	0.4	0.0	-0.9	66	-0.09	-0.03	-0.12
1400.	60	1490.2	0.2	1491.3	1489.0	60	0.4	0.4	-0.1	-0.9	62	-0.03	-0.02	-0.14
1500.	58	1491.5	0.6	1492.4	1490.9	58	0.4	0.5	0.2	-0.9	60	-0.03	-0.01	-0.03
1750.	53	1494.7	0.0	1495.1	1494.2	53	0.4	0.5	0.2	-0.9	55	-0.03	-0.02	-0.06

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT							
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN
0.	84	1546.0	0.9	1548.3	1541.8	0	0.0	0.0	0.0	0.0	95	29.30	0.47	30.30	27.40	0	0.00	0.00	0.00	0.00
10.	84	1545.7	0.6	1547.3	1541.9	84	-0.9	0.9	0.9	-4.9	95	29.08	0.37	29.73	27.35	85	-0.66	0.12	-2.53	-2.53
20.	84	1545.6	0.7	1547.5	1542.0	84	-0.6	1.5	1.5	-3.0	95	28.93	0.39	29.76	27.36	85	-0.54	0.09	-2.74	-2.74
30.	84	1545.5	1.1	1547.6	1541.7	81	-0.4	0.9	0.9	-4.9	95	28.80	0.51	29.74	27.09	83	-0.40	0.12	-2.39	-2.39
40.	84	1544.2	1.9	1546.6	1539.7	84	-2.2	1.2	1.2	-9.1	95	28.06	0.84	29.17	26.06	85	-1.27	0.18	-4.42	-4.42
50.	84	1541.1	1.8	1546.1	1537.7	84	-4.1	0.2	0.2	-9.8	95	26.46	0.83	28.67	25.04	85	-2.07	-0.39	-4.51	-4.51
75.	84	1538.5	1.6	1541.8	1535.1	84	-2.7	0.6	0.6	-7.1	95	25.14	0.72	26.58	23.70	85	-1.47	-0.10	-3.35	-3.35
100.	83	1537.2	2.0	1539.7	1533.2	83	-1.5	0.1	0.1	-4.4	95	24.32	0.85	25.39	22.73	85	-0.93	-0.12	-2.12	-2.12
125.	84	1535.5	2.2	1538.7	1531.1	84	-2.5	0.3	0.3	-6.1	95	23.41	0.90	24.72	21.73	85	-1.22	-0.21	-2.74	-2.74
150.	75	1530.1	1.1	1532.5	1527.5	74	-4.0	-1.4	-6.9	-5.7	77	21.02	0.46	22.60	20.06	77	-1.65	-0.02	-2.90	-2.90
200.	55	1525.4	0.7	1527.8	1523.9	50	-2.0	-0.9	-3.7	-3.0	57	19.12	0.54	22.56	18.53	57	-0.87	-0.02	-1.49	-1.49
250.	55	1523.6	0.4	1525.9	1522.2	53	-0.9	0.2	0.2	-2.5	56	18.17	0.21	18.99	17.70	55	-0.44	-0.20	-0.69	-0.69
400.	54	1520.9	0.8	1523.1	1518.6	50	-0.9	0.6	0.6	-2.5	55	16.76	0.29	17.45	16.01	52	-0.43	-0.20	-0.89	-0.89
500.	32	1515.5	2.0	1520.4	1512.1	28	-1.8	-0.6	-2.4	-2.5	32	14.63	0.61	16.08	13.63	31	-0.68	-0.34	-0.84	-0.84
600.	32	1509.3	2.3	1515.1	1506.2	28	-1.9	-1.3	-2.5	-2.4	32	12.35	0.65	14.00	11.48	32	-0.68	-0.49	-0.85	-0.85
700.	32	1503.1	1.7	1507.2	1499.5	30	-1.8	-1.0	-2.4	-2.4	32	10.21	0.47	11.37	9.24	30	-0.63	-0.41	-0.80	-0.80
800.	30	1497.6	1.8	1500.3	1493.2	27	-1.7	-1.2	-2.6	-2.6	31	8.36	0.47	9.12	7.22	31	-0.57	-0.30	-0.80	-0.80
900.	29	1492.5	1.7	1495.8	1488.2	26	-1.5	-1.0	-2.3	-2.3	30	6.65	0.44	7.40	5.54	29	-0.51	-0.37	-0.70	-0.70
1000.	28	1499.9	1.2	1492.7	1487.0	26	-0.6	0.2	-1.3	-1.3	29	5.57	0.31	6.24	4.95	29	-0.51	-0.37	-0.70	-0.70
1100.	27	1489.2	1.0	1491.5	1487.4	25	-0.1	0.2	-0.6	-0.6	28	5.01	0.26	5.58	4.56	27	-0.15	-0.08	-0.27	-0.27
1200.	27	1489.5	0.9	1491.9	1488.4	25	0.2	0.8	0.8	0.3	27	4.67	0.22	5.25	4.39	27	-0.09	-0.01	-0.13	-0.13
1300.	23	1490.4	0.7	1492.3	1489.8	21	0.3	0.6	0.6	0.1	24	4.48	0.18	4.96	4.31	24	-0.06	-0.02	-0.10	-0.10
1400.	19	1491.4	0.5	1492.8	1490.8	18	0.3	0.6	0.6	0.1	21	4.30	0.14	4.67	4.17	21	-0.05	-0.03	-0.10	-0.10
1500.	13	1492.3	0.4	1493.3	1491.8	13	0.3	0.4	0.4	0.2	13	4.14	0.09	4.39	4.04	13	-0.06	-0.04	-0.09	-0.09
1750.	3	1495.0	0.6	1495.4	1494.3	3	0.3	0.4	0.4	0.2	3	3.79	0.14	3.89	3.63	3	-0.04	-0.03	-0.07	-0.07
2000.	1	1498.4	0.0	1498.4	1498.4	1	0.4	0.4	0.4	0.4	1	3.60	0.00	3.60	3.60	1	-0.03	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	70	1539.1	1.7	1544.6	1538.0	0	0.0	0.0	0.0	71	26.12	0.87	28.73	25.59	0	0.00	0.00	0.00
10.	72	1539.5	1.8	1544.7	1538.2	71	0.5	1.8	-3.0	72	26.17	0.91	28.63	25.61	72	0.04	0.95	-0.61
20.	72	1539.5	1.8	1544.8	1538.4	72	0.5	2.1	0.3	72	26.17	0.90	28.63	25.63	72	0.01	0.46	-0.30
30.	72	1539.8	1.8	1544.9	1538.6	72	0.5	3.0	-1.8	72	26.17	0.89	28.59	25.64	72	-0.01	0.30	-1.16
50.	72	1540.1	1.8	1545.3	1538.9	71	0.4	1.5	-2.0	72	26.15	0.86	28.59	25.60	72	-0.06	0.30	-1.52
75.	72	1540.2	1.2	1544.0	1539.2	70	-0.1	1.2	-5.1	72	25.49	0.58	27.72	25.52	72	-0.26	0.30	-2.74
100.	72	1539.9	0.7	1543.3	1537.8	70	-0.7	1.2	-9.1	72	25.67	0.35	27.21	24.71	71	-0.20	26.44	-4.57
125.	71	1537.9	1.0	1540.2	1535.6	71	-3.0	-0.6	-11.2	71	24.57	0.49	25.52	23.59	71	-1.52	-3.30	-4.47
150.	71	1534.9	1.7	1538.2	1531.5	68	-4.2	-1.2	-7.9	71	23.18	0.70	24.52	21.86	71	-1.85	-0.67	-3.11
200.	70	1528.3	1.6	1531.6	1524.8	68	-3.4	-1.0	-6.2	70	20.34	0.60	21.56	19.11	69	-1.44	-0.51	-2.51
250.	65	1524.5	0.7	1528.4	1523.3	63	-1.7	-0.5	-3.2	65	18.74	0.30	20.10	18.31	65	-0.76	-0.36	-1.29
300.	63	1523.0	0.2	1525.6	1521.9	60	-0.9	-0.2	-1.6	63	17.93	0.17	18.84	17.57	61	-0.46	-0.14	-0.74
400.	60	1520.5	0.7	1522.1	1518.4	59	-1.0	-0.5	-3.0	61	16.63	0.25	17.14	15.99	61	-0.46	-0.30	-0.84
500.	19	1514.3	1.3	1516.7	1511.8	19	-1.9	-1.2	-3.0	19	14.26	0.40	14.95	13.54	19	-0.72	-0.54	-0.91
600.	19	1507.8	1.1	1509.7	1506.1	17	-2.1	-1.5	-3.0	19	11.93	0.32	12.48	11.48	19	-0.69	-0.53	-0.83
700.	18	1502.3	0.9	1503.7	1500.3	18	-1.7	-1.1	-2.0	18	9.99	0.25	10.38	9.46	18	-0.60	-0.44	-0.67
800.	18	1497.1	1.1	1498.8	1494.8	17	-1.6	-0.9	-2.0	18	8.21	0.28	8.65	7.61	18	-0.55	-0.38	-0.67
900.	18	1492.4	1.4	1495.3	1489.2	16	-1.4	-0.9	-1.8	18	6.60	0.36	7.34	5.80	18	-0.49	-0.39	-0.57
1000.	15	1489.6	1.4	1492.0	1487.2	15	-0.7	-0.3	-1.1	15	5.49	0.34	5.09	4.92	15	-0.28	-0.19	-0.39
1100.	14	1489.0	0.8	1490.1	1487.3	14	-0.1	0.1	-0.6	14	4.94	0.19	5.21	4.53	14	-0.15	-0.10	-0.28
1200.	13	1489.3	0.6	1490.1	1488.1	11	0.1	0.4	0.1	13	4.61	0.14	4.81	4.33	12	-0.09	-0.03	-0.15
1300.	13	1490.1	0.4	1491.0	1489.5	13	0.2	0.4	0.2	13	4.40	0.10	4.61	4.27	13	-0.06	-0.02	-0.09
1400.	13	1491.0	0.4	1492.0	1490.6	13	0.3	0.3	0.3	13	4.23	0.09	4.44	4.01	13	-0.05	-0.04	-0.06
1500.	11	1492.1	0.3	1492.9	1491.7	10	0.3	0.4	0.2	11	4.08	0.08	4.27	4.01	11	-0.04	-0.02	-0.07
1750.	8	1495.2	0.4	1495.6	1494.2	8	0.4	0.4	0.4	8	3.82	0.10	3.93	3.58	8	-0.03	-0.01	-0.04

SUMMARY FOR ONE DEGREE SQUARE 49 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	24	1541.1	2.7	1543.8	1536.3	0	0.0	1.16	28.40	25.08	0	0.00	0.00	0.00
10.	24	1540.7	2.6	1543.4	1536.2	24	-1.1	1.12	28.03	24.99	24	-0.76	-0.03	-3.84
20.	24	1540.4	2.6	1543.1	1536.1	24	-1.1	1.09	27.76	24.86	24	-0.74	-0.06	-2.80
30.	24	1540.0	2.5	1543.1	1535.8	24	-1.2	1.01	27.70	24.69	24	-0.77	-0.12	-2.83
40.	24	1539.4	2.2	1542.7	1535.6	23	-0.7	0.89	27.25	24.46	24	-0.69	-0.29	-2.74
50.	24	1538.6	1.6	1541.0	1535.9	23	-0.8	0.66	26.53	24.34	24	-0.58	-0.15	-2.28
75.	24	1537.9	1.5	1540.8	1535.5	23	-1.3	0.75	25.54	22.82	24	-0.83	0.09	-1.60
100.	24	1536.1	1.8	1539.7	1533.2	23	-2.2	0.5	25.54	22.82	24	-1.18	-0.13	-2.28
125.	24	1534.0	2.0	1537.8	1530.9	23	-3.0	1.0	24.38	21.67	24	-1.51	-0.71	-3.26
150.	24	1529.0	2.3	1532.7	1524.7	23	-2.6	0.84	21.98	19.08	24	-1.18	-0.41	-2.47
200.	24	1525.6	2.0	1529.8	1521.9	23	-2.3	0.72	20.68	17.88	24	-0.95	-0.24	-3.35
250.	22	1523.3	2.2	1527.3	1517.7	21	-1.6	0.70	19.47	16.27	24	-0.64	-0.15	-1.10
300.	18	1516.7	4.0	1522.6	1511.0	18	-2.0	1.21	17.28	13.78	18	-0.79	-0.04	-1.29
400.	11	1508.9	2	1517.0	1501.0	10	-2.6	1.41	15.06	10.58	12	-0.87	-0.53	-1.31
500.	11	1498.2	6.9	1510.3	1487.4	11	-3.5	1.73	12.63	6.65	12	-1.06	-0.36	-2.38
600.	3	1490.4	1.6	1491.8	1488.7	3	-2.6	0.35	7.34	6.57	3	-0.80	-0.26	-1.70
700.	2	1490.0	0.6	1490.4	1489.6	2	-0.3	0.13	6.57	6.38	2	-0.20	-0.19	-0.20

SUMMARY FOR ONE DEGREE SQUARE 52 OF MARSDEN SQUARE 80 FOR MONTHS 1-3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1530.4	2.9	1533.0	1525.1	0	0.0	0.0	0.0	7	22.41	1.03	23.45	20.33	0	0.00	0.00	0.00
10.	6	1530.5	2.9	1533.1	1525.2	6	0.3	0.3	0.3	7	22.40	1.03	23.43	20.33	7	-0.03	-0.03	-0.05
20.	6	1530.6	2.8	1533.2	1525.4	6	0.5	0.6	0.3	7	22.58	1.02	23.41	20.33	7	-0.05	-0.03	-0.06
30.	6	1530.6	2.8	1533.3	1525.5	6	-0.1	0.4	-1.5	7	22.34	1.02	23.38	20.32	7	-0.19	0.10	-0.66
40.	6	1530.6	2.8	1533.4	1525.8	6	-0.1	0.8	-0.8	7	22.21	1.01	23.29	20.31	7	-0.28	-0.15	-0.53
50.	6	1529.9	2.4	1532.9	1526.5	6	-1.0	2.0	-3.0	7	21.84	0.92	22.91	20.40	7	-0.47	0.51	-1.33
75.	6	1528.6	2.2	1531.7	1526.8	6	-1.6	-1.1	-3.0	7	21.37	0.92	22.57	20.39	7	-0.76	-0.36	-1.34
100.	6	1527.7	2.3	1531.4	1525.7	6	-1.5	-0.4	-2.6	7	20.80	0.97	22.13	19.84	7	-0.68	-0.34	-1.19
125.	6	1526.5	2.1	1530.2	1524.5	6	-1.8	-0.8	-3.4	7	20.24	0.96	21.70	19.29	7	-0.79	-0.43	-1.49
150.	6	1524.4	1.1	1526.1	1523.2	6	-0.6	-0.2	-1.4	7	19.19	0.70	20.56	19.54	7	-0.53	-0.23	-1.22
200.	6	1523.6	0.9	1524.5	1522.0	6	-0.4	-0.2	-1.1	7	18.51	0.41	19.19	17.86	7	-0.34	-0.23	-0.56
250.	6	1523.6	0.9	1524.2	1521.7	6	-0.1	-0.1	-0.3	7	18.07	0.37	18.65	17.50	7	-0.21	-0.13	-0.28
300.	6	1522.1	1.2	1523.3	1520.3	6	-0.4	-0.3	-0.7	7	17.21	0.42	17.76	16.55	7	-0.28	-0.16	-0.40
400.	5	1518.8	1.1	1520.3	1515.1	5	-1.1	-0.4	-1.8	6	15.75	0.70	16.60	14.47	6	-0.46	-0.17	-0.79
500.	6	1513.2	1.5	1514.6	1510.4	6	-1.9	-1.6	-2.0	7	13.58	0.51	14.34	12.67	7	-0.67	-0.61	-0.76
600.	6	1507.4	1.5	1509.1	1504.8	6	-1.9	-1.6	-2.4	7	11.50	0.48	12.16	10.65	7	-0.66	-0.57	-0.77
700.	6	1501.4	1.7	1503.9	1498.7	6	-1.9	-1.6	-2.1	7	9.41	0.46	10.00	8.61	7	-0.65	-0.55	-0.71
800.	6	1496.5	2.2	1500.2	1493.4	6	-1.4	-1.1	-1.7	7	7.70	0.54	8.60	6.85	7	-0.50	-0.41	-0.56
900.	6	1493.5	1.9	1496.7	1491.0	6	-0.8	-0.5	-1.1	7	6.53	0.48	7.28	5.83	7	-0.33	-0.25	-0.40
1000.	5	1491.0	1.6	1494.1	1489.8	5	-0.5	-0.2	-0.8	6	5.71	0.41	6.21	5.12	6	-0.24	-0.16	-0.33
1200.	5	1491.0	1.3	1492.8	1489.2	5	-0.2	-0.1	-0.4	6	5.10	0.34	5.46	4.57	6	-0.18	-0.14	-0.22
1300.	5	1490.9	1.2	1492.1	1489.0	5	-0.0	0.1	-0.2	6	4.64	0.28	4.89	4.14	6	-0.13	-0.08	-0.17
1400.	5	1491.2	1.2	1492.3	1489.3	5	0.2	0.4	0.1	6	4.32	0.26	4.54	3.82	6	-0.07	-0.04	-0.11
1500.	5	1492.2	0.8	1492.8	1490.9	5	0.4	0.8	0.2	6	4.15	0.18	4.28	3.80	6	-0.05	-0.04	-0.08
1700.	5	1495.2	0.2	1495.4	1495.1	5	0.4	0.5	0.3	6	3.83	0.02	3.86	3.79	6	-0.03	-0.00	-0.05
2000.	5	1498.6	0.2	1498.8	1498.5	4	0.4	0.5	0.4	6	3.62	0.03	3.67	3.59	6	-0.02	-0.01	-0.03
2500.	5	1505.3	0.2	1505.5	1505.1	5	0.4	0.4	0.4	6	3.22	0.07	3.34	3.15	6	-0.02	-0.02	-0.03
3000.	4	1512.2	0.2	1512.4	1512.0	3	0.4	0.4	0.4	5	2.83	0.07	2.95	2.76	4	-0.02	-0.02	-0.03
4000.	4	1527.8	0.2	1528.0	1527.6	4	0.5	0.5	0.5	5	2.38	0.03	2.40	2.33	5	-0.00	-0.00	-0.01
5000.	3	1545.1	0.1	1545.2	1545.0	3	0.5	0.5	0.5	3	2.27	0.03	2.30	2.24	3	-0.01	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 52 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	O	MAX	MIN	NU	AVG	MAX	MIN	NO	AVG	S	O	MAX	MIN
0.	14	1539.2	1.2	1542.0	1537.6	0.0	0	0.0	0.0	0.0	15	26.13	0.54	27.49	25.42	0.00
10.	14	1539.3	1.2	1541.9	1537.7	0.0	14	0.3	0.0	-1.2	15	26.09	0.53	27.35	25.41	-0.12
20.	14	1539.4	1.1	1541.9	1537.9	0.0	13	0.4	1.2	0.6	15	26.07	0.54	27.29	25.39	0.09
30.	14	1539.4	1.2	1542.1	1538.0	0.0	14	-0.6	0.9	-6.1	15	26.00	0.55	27.29	25.39	0.03
40.	14	1537.4	2.5	1542.5	1533.7	0.0	13	-5.6	0.8	-15.2	15	24.97	1.06	27.29	23.42	0.12
50.	14	1531.9	3.2	1539.0	1528.2	0.0	13	-6.0	-2.2	-8.5	15	22.52	1.25	25.47	21.08	-3.95
60.	14	1528.5	2.9	1535.2	1525.9	0.0	11	-2.7	-1.2	-4.0	15	21.05	1.09	23.63	20.09	-3.91
70.	14	1526.8	2.5	1532.5	1524.7	0.0	12	-2.0	-1.2	-3.4	15	20.25	0.90	22.35	19.50	-0.61
80.	14	1525.5	2.1	1530.4	1523.8	0.0	11	-1.6	-0.7	-2.6	15	19.64	0.74	21.41	19.04	-1.15
90.	14	1524.1	1.2	1526.5	1523.0	0.0	10	-0.6	-0.1	-2.0	15	18.85	0.40	19.69	18.49	-0.81
100.	13	1523.6	0.7	1524.8	1522.7	0.0	13	-0.3	0.2	-1.0	14	18.42	0.23	18.81	18.09	-0.51
110.	13	1523.4	0.5	1524.4	1522.5	0.0	12	-0.0	0.6	-0.3	14	18.07	0.16	18.56	17.81	-0.27
120.	13	1522.8	0.7	1524.0	1521.6	0.0	10	-0.4	0.1	-1.2	14	17.35	0.23	17.72	16.95	-0.58
130.	13	1519.7	1.6	1522.1	1517.0	0.0	11	-1.2	-0.6	-1.5	14	15.93	0.34	16.79	15.06	-0.60
140.	13	1514.9	1.8	1517.3	1511.7	0.0	12	-1.6	-1.2	-2.3	14	14.01	0.54	16.60	13.04	-0.76
150.	13	1508.4	2.0	1511.4	1505.3	0.0	12	-2.0	-1.6	-2.3	14	11.74	0.56	12.49	10.77	-0.83
160.	13	1502.5	1.8	1505.2	1499.5	0.0	12	-1.9	-1.5	-2.6	14	9.65	0.49	10.32	8.81	-0.83
170.	13	1497.3	1.5	1500.3	1494.9	0.0	13	-1.5	-1.0	-1.9	14	7.87	0.40	8.59	7.21	-0.83
180.	13	1493.9	1.2	1496.6	1492.4	0.0	10	-0.9	-0.4	-1.2	14	6.58	0.30	7.20	6.18	-0.83
190.	13	1492.1	0.8	1493.7	1490.9	0.0	12	-0.5	-0.2	-0.9	14	5.71	0.19	6.08	5.40	-0.83
200.	13	1491.6	0.8	1493.3	1490.5	0.0	11	-0.1	0.0	-0.3	14	5.15	0.17	5.57	4.91	-0.83
210.	13	1491.6	0.7	1493.5	1490.8	0.0	10	0.0	0.3	-0.1	14	4.76	0.16	5.22	4.56	-0.83
220.	12	1492.1	0.6	1493.8	1491.3	0.0	12	0.1	0.4	0.1	14	4.45	0.15	4.89	4.27	-0.83
230.	12	1492.8	0.5	1494.2	1492.2	0.0	11	0.3	0.6	0.2	14	4.24	0.12	4.58	4.11	-0.83
240.	12	1492.8	0.5	1494.2	1492.2	0.0	11	0.3	0.6	0.2	14	3.86	0.04	3.91	3.78	-0.83
250.	11	1498.5	0.2	1499.2	1498.1	0.0	9	0.4	0.5	0.3	14	3.60	0.06	3.77	3.51	-0.83
260.	11	1505.0	0.1	1505.2	1504.7	0.0	8	0.4	0.4	0.3	13	3.12	0.04	3.17	3.07	-0.83
270.	10	1511.9	0.1	1512.3	1511.7	0.0	7	0.4	0.5	0.4	12	2.74	0.04	2.64	2.69	-0.83
280.	10	1527.7	0.0	1527.9	1527.5	0.0	9	0.5	0.5	0.5	11	2.55	0.03	2.41	2.32	-0.83
290.	3	1544.9	0.2	1545.0	1544.7	0.0	2	0.5	0.5	0.5	5	2.24	0.04	2.31	2.19	-0.83

SUMMARY FOR ONE DEGREE SQUARE 56 OF MARSDEN SQUARE 80 FOR MONTHS 4-6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1536.5	1.7	1538.9	1535.0	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	5	1536.4	1.5	1538.2	1535.0	5	0.3	1.5	0.3	-0.3	5	-0.22	-0.12	-0.51
20.	5	1536.2	1.6	1538.1	1534.7	5	-0.4	-0.3	-0.9	-0.9	5	-0.51	-0.27	-0.91
30.	5	1535.8	1.6	1537.5	1534.1	5	-1.5	-0.6	-3.0	-3.0	5	-0.79	-0.30	-1.20
40.	5	1535.3	1.8	1537.3	1533.0	5	-0.6	-0.6	-3.0	-3.0	5	-0.27	-0.06	-0.61
50.	5	1535.0	1.9	1537.1	1532.2	5	-0.3	-0.4	-0.9	-0.9	5	-0.47	-0.30	-0.61
75.	5	1534.2	2.0	1536.4	1531.2	5	-1.2	-0.8	-3.0	-3.0	5	-0.81	-0.61	-1.37
100.	5	1532.8	2.0	1534.7	1530.1	5	-2.0	-1.1	-3.7	-3.7	5	-1.03	-0.63	-1.77
125.	5	1531.1	1.9	1533.7	1528.9	5	-1.9	-1.2	-3.5	-3.5	5	-1.01	-0.69	-1.53
150.	5	1528.1	1.8	1531.0	1526.1	3	-2.1	-1.5	-2.6	-2.6	5	-0.99	-0.76	-1.27
200.	5	1526.0	1.8	1527.1	1524.4	5	-0.8	-0.7	-2.4	-2.4	5	-0.50	-0.16	-1.07
250.	5	1524.7	0.5	1525.5	1524.1	5	-0.9	-0.2	-2.6	-2.6	5	-0.43	-0.08	-0.96
300.	5	1522.0	2.0	1523.7	1519.0	5	-0.5	0.3	-0.8	-0.8	5	-0.31	-0.03	-0.45
400.	5	1517.5	1.7	1520.2	1515.4	5	-2.3	-1.5	-3.4	-3.4	5	-0.86	-0.61	-1.21
500.	5	1510.2	2.1	1512.8	1507.1	4	-2.4	-1.8	-3.3	-3.3	5	-2.45	-0.63	-0.97
600.	5	1503.5	1.3	1505.7	1502.5	5	-1.9	-0.4	-2.6	-2.6	5	-0.63	-0.24	-0.84
700.	5	1497.7	1.0	1499.5	1496.7	5	-1.9	-1.7	-2.6	-2.6	5	-0.61	-0.57	-0.64
800.	5	1493.2	1.4	1495.3	1491.9	5	-1.1	-0.9	-1.5	-1.5	5	-0.42	-0.36	-0.50
1000.	4	1490.4	1.4	1492.9	1489.7	4	-0.7	-0.3	-0.9	-0.9	4	-0.29	-0.20	-0.35
1100.	4	1489.7	0.8	1490.8	1489.0	4	-0.3	-0.1	-0.5	-0.5	4	-0.19	-0.15	-0.25
1200.	4	1490.3	0.7	1491.0	1489.5	3	0.1	0.4	-0.1	-0.1	4	-0.10	-0.06	-0.13
1300.	4	1490.3	0.7	1491.0	1489.5	4	0.2	0.3	0.1	0.1	4	-0.08	-0.07	-0.11
1400.	4	1491.1	0.6	1491.7	1490.3	3	0.3	0.3	0.2	0.2	4	-0.05	-0.04	-0.06
1500.	4	1492.2	0.6	1492.7	1491.3	4	0.3	0.4	0.3	0.3	4	-0.04	-0.03	-0.05
1700.	2	1493.5	0.1	1493.5	1493.4	2	0.4	0.4	0.4	0.4	2	-0.03	-0.03	-0.04
2000.	2	1498.8	0.3	1499.0	1498.6	2	0.4	0.4	0.4	0.4	2	-0.02	-0.02	-0.03
2500.	1	1505.2	0.0	1505.2	1505.2	1	0.4	0.4	0.4	0.4	1	-0.03	-0.03	-0.03
3000.	1	1512.1	0.0	1512.1	1512.1	0	0.0	0.0	0.0	0.0	1	-0.02	-0.02	-0.02
4000.	1	1527.7	0.0	1527.7	1527.7	0	0.0	0.0	0.0	0.0	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NU	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	19	1534.5	0.7	1536.2	1533.5	0	0.0	0.0	0.0	0.0	19	24.17	0.30	24.33	23.70	
10.	19	1534.4	0.5	1535.4	1533.5	19	-0.2	2.3	2.3	-3.0	19	24.06	0.22	24.43	23.60	
20.	19	1534.5	0.5	1535.6	1533.3	19	0.2	3.0	3.0	-2.1	19	24.00	0.23	24.43	23.52	
30.	19	1534.5	0.6	1535.8	1533.2	19	0.1	0.7	1.5	-1.5	19	23.94	0.25	24.45	23.39	
50.	19	1534.6	0.7	1536.1	1533.0	19	0.2	1.5	2.0	-2.0	19	23.63	0.30	24.40	23.18	
75.	19	1534.7	0.9	1536.3	1533.2	19	0.5	3.0	3.0	-1.3	19	23.72	0.37	24.34	23.09	
100.	19	1535.1	0.9	1536.7	1533.5	19	0.3	1.5	1.0	-1.0	19	23.67	0.37	24.30	23.03	
125.	19	1535.2	1.1	1537.0	1532.3	19	0.3	1.4	1.5	-1.5	19	23.56	0.44	24.21	22.41	
150.	19	1535.1	1.6	1537.0	1531.1	19	-0.9	1.0	-5.5	-5.5	19	23.31	0.60	24.07	21.79	
200.	15	1531.5	2.2	1536.2	1528.4	11	-2.7	0.4	-6.1	-6.1	16	21.68	0.91	23.41	20.37	
250.	15	1526.8	2.1	1531.1	1524.2	13	-2.6	0.3	-12.2	-12.2	16	19.66	0.83	21.15	18.63	
300.	15	1524.1	1.3	1527.0	1522.7	14	-1.3	-0.1	-3.5	-3.5	15	18.33	0.65	19.30	17.83	
400.	15	1519.7	2.0	1522.0	1516.2	13	-1.5	-0.5	-3.5	-3.5	15	16.39	0.61	17.14	15.32	
500.	9	1513.1	2.6	1516.0	1509.3	7	-2.2	-1.3	-3.9	-3.9	9	13.92	0.79	14.79	12.75	
600.	9	1507.0	2.2	1509.2	1503.1	8	-1.8	-1.4	-2.0	-2.0	9	11.71	0.65	12.34	10.57	
700.	9	1501.7	1.8	1503.6	1498.8	7	-1.6	-1.4	-2.0	-2.0	9	9.85	0.53	10.37	8.98	
800.	8	1497.1	1.5	1499.4	1494.8	8	-1.3	-0.9	-1.6	-1.6	9	8.22	0.42	8.82	7.53	
900.	8	1494.1	1.7	1496.9	1491.5	8	-1.1	-0.8	-1.9	-1.9	8	6.77	0.44	7.74	6.39	
1000.	8	1490.6	1.8	1494.7	1488.7	7	-0.6	-0.5	-1.2	-1.2	8	5.75	0.46	6.78	5.30	
1100.	8	1490.0	1.4	1493.2	1488.9	8	-0.1	0.2	-0.5	-0.5	8	5.19	0.34	5.91	4.95	
1200.	8	1489.9	1.1	1492.0	1488.7	8	0.1	0.3	-0.4	-0.4	8	4.77	0.26	5.28	4.46	
1300.	8	1490.4	0.7	1491.5	1489.4	8	0.1	0.3	-0.2	-0.2	8	4.48	0.17	4.73	4.24	
1400.	8	1491.1	0.4	1491.7	1490.5	8	0.2	0.3	-0.0	-0.0	8	4.27	0.10	4.40	4.11	
1500.	8	1492.1	0.2	1492.6	1491.7	8	0.3	0.6	0.2	0.2	8	4.10	0.08	4.24	3.99	
1750.	6	1494.9	0.2	1495.2	1494.6	6	0.3	0.4	0.3	0.3	6	3.77	0.06	3.86	3.69	
2000.	6	1458.3	0.2	1498.5	1498.0	6	0.4	0.5	0.4	0.4	6	3.56	0.06	3.62	3.49	
22500.	2	1505.1	0.1	1505.1	1505.0	2	0.4	0.4	0.4	0.4	2	3.15	0.01	3.16	3.14	
30000.	2	1511.7	0.5	1512.0	1511.3	2	0.4	0.4	0.4	0.4	2	2.67	0.11	2.75	2.59	

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1540.0	1.5	1541.5	1537.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	10	1539.8	1.4	1541.2	1537.9	10	-0.8	0.5	-4.1	0.0	10	-0.68	0.03	-2.30
20.	10	1539.5	1.2	1541.0	1537.6	10	-1.1	0.9	-3.7	0.0	10	-0.82	0.06	-2.07
30.	10	1539.1	1.3	1541.0	1537.2	10	-1.1	0.9	-3.4	0.0	10	-0.80	0.03	-1.63
50.	10	1538.2	1.4	1540.5	1536.1	10	-2.1	-0.9	-3.5	0.0	10	-1.12	-0.67	-1.83
75.	10	1536.7	1.4	1539.0	1534.9	10	-1.8	0.1	-3.3	0.0	10	-1.04	-0.24	-1.69
100.	10	1535.3	1.8	1537.6	1532.3	10	-1.7	-0.2	-3.0	0.0	10	-0.93	-0.37	-1.52
125.	10	1533.9	2.3	1537.2	1529.5	10	-1.6	0.4	-3.4	0.0	10	-0.88	-0.13	-1.45
150.	10	1532.5	2.5	1536.4	1527.7	9	-1.6	-0.8	-2.3	0.0	9	-0.84	-0.61	-1.13
200.	10	1529.2	2.2	1533.9	1526.0	10	-2.2	-1.0	-4.4	0.0	10	-0.99	-0.51	-1.85
250.	10	1526.3	1.6	1529.8	1524.5	10	-1.9	-0.8	-4.6	0.0	10	-0.84	-0.43	-1.78
300.	10	1523.9	0.8	1525.3	1522.9	10	-1.2	-0.3	-3.9	0.0	10	-0.56	-0.18	-1.54
400.	10	1520.4	2.6	1523.7	1515.7	10	-1.1	-0.4	-2.0	0.0	10	-0.49	-0.30	-0.63
500.	10	1515.0	2.9	1518.7	1510.4	9	-1.9	-1.3	-2.7	0.0	10	-0.73	-0.55	-0.97
600.	9	1508.8	3.0	1512.5	1504.5	8	-1.8	-1.2	-2.4	0.0	9	-0.66	-0.46	-0.85
700.	9	1502.9	2.3	1506.5	1499.4	8	-1.8	-1.2	-2.3	0.0	9	-0.59	-0.46	-0.78
800.	6	1497.3	1.1	1498.3	1495.0	6	-1.4	-1.3	-2.0	0.0	7	-0.55	-0.44	-0.65
900.	6	1492.7	1.1	1493.7	1490.7	6	-1.3	-1.1	-1.6	0.0	6	-0.48	-0.46	-0.52
1000.	6	1489.9	1.0	1490.9	1487.9	5	-0.7	-0.2	-1.0	0.0	6	-0.27	-0.18	-0.37
1100.	6	1489.5	0.6	1490.2	1488.3	6	-0.0	0.2	-0.2	0.0	6	-0.13	-0.07	-0.14
1200.	5	1489.6	0.4	1490.0	1489.1	5	0.1	0.2	0.0	0.0	5	-0.09	-0.07	-0.12
1300.	5	1490.3	0.3	1490.7	1490.0	4	0.3	0.5	0.2	0.0	4	-0.07	-0.05	-0.04
1400.	5	1491.3	0.2	1491.5	1491.0	5	0.3	0.4	0.2	0.0	5	-0.05	-0.03	-0.04
1500.	5	1492.3	0.2	1492.4	1492.1	5	0.3	0.4	0.3	0.0	5	-0.05	-0.03	-0.06
1750.	4	1495.1	0.3	1495.4	1494.7	4	0.3	0.4	0.3	0.0	4	-0.04	-0.03	-0.06
2000.	3	1498.1	0.6	1498.5	1497.5	3	0.5	0.5	0.4	0.0	3	-0.03	-0.01	-0.05
2500.	2	1505.2	0.2	1505.3	1505.0	2	0.4	0.5	0.4	0.0	2	-0.02	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT			
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	43	1536.2	1.9	1541.0	1529.1	0	0.0	0.0	0.0	44	25.69	0.84	27.20
10.	43	1536.3	2.1	1541.1	1528.2	43	0.4	3.0	-2.7	44	25.66	0.89	27.18
20.	43	1536.4	2.2	1541.2	1527.3	42	0.0	0.6	-2.7	44	25.02	0.93	27.15
30.	43	1536.4	2.3	1541.3	1526.6	39	-0.0	1.0	-2.1	44	24.96	0.97	27.12
50.	44	1536.0	2.7	1540.5	1525.6	41	-1.0	0.6	-11.9	44	24.61	1.14	26.58
75.	44	1535.2	3.6	1539.2	1525.1	42	-0.9	1.5	-8.0	44	24.31	1.46	25.73
100.	44	1533.9	4.5	1539.2	1520.4	44	-2.3	1.0	-8.6	44	23.36	1.75	25.55
125.	44	1531.4	5.7	1538.8	1512.1	44	-3.2	0.6	-18.3	44	22.16	2.08	25.18
150.	43	1528.6	6.7	1537.6	1504.6	42	-3.9	-0.1	-14.3	44	20.87	2.33	24.45
200.	41	1523.7	7.8	1533.7	1497.2	40	-3.8	-0.1	-11.6	42	18.59	2.49	22.40
250.	40	1517.3	10.0	1528.4	1486.9	39	-3.3	-0.1	-11.3	40	16.55	2.99	20.14
300.	37	1514.7	8.8	1525.2	1491.2	35	-2.6	-0.6	-5.9	38	15.23	2.89	18.71
400.	31	1508.2	8.9	1523.9	1485.8	30	-2.4	-0.1	-4.6	31	13.06	2.48	17.69
500.	28	1501.3	7.8	1513.9	1486.6	27	-2.1	-0.5	-3.2	28	10.69	2.10	14.15
600.	23	1494.7	6.5	1510.3	1485.0	22	-1.6	-0.5	-2.6	23	8.53	1.70	12.66
700.	13	1492.8	6.1	1510.2	1486.4	12	-1.2	-0.0	-2.4	14	7.63	1.52	12.17
800.	5	1488.8	1.1	1490.0	1487.1	5	-1.4	-0.8	-2.4	7	6.17	0.27	6.49

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	69	1540.4	2.9	1545.7	1535.3	0.0	0	0.0	0.0	0.0	1.13	29.30	24.67	0.00	0	0.00	0.00	0.00
10.	69	1540.3	2.8	1545.9	1535.7	-0.4	69	-0.4	3.0	-4.9	1.08	29.28	24.72	0.61	123	-0.27	0.61	-2.41
20.	69	1540.1	2.7	1545.7	1534.4	-0.5	69	-0.5	3.0	-6.1	1.03	29.09	24.11	0.55	123	-0.34	0.55	-3.20
30.	69	1539.8	2.6	1545.1	1533.2	-1.2	69	-1.2	3.0	-10.7	0.97	28.74	23.53	0.24	123	-0.58	0.24	-5.03
50.	69	1538.7	2.6	1543.5	1531.5	-2.4	69	-2.4	3.0	-24.4	0.89	27.91	22.70	1.52	123	-0.83	1.52	-10.97
75.	69	1536.6	3.6	1540.6	1525.6	-2.5	68	-2.5	0.9	-10.2	1.22	26.37	20.26	1.05	122	-0.88	1.05	-4.27
100.	69	1533.9	5.1	1540.5	1520.5	-3.6	65	-3.6	3.0	-10.5	1.23	24.93	18.34	0.32	121	-1.51	0.32	-33.72
125.	69	1530.8	6.7	1540.3	1513.5	-3.7	69	-3.7	0.7	-10.4	1.23	22.92	15.87	0.30	123	-1.40	0.30	-3.62
150.	68	1527.4	7.9	1538.6	1506.0	-4.6	67	-4.6	-0.6	-13.4	1.22	21.59	13.52	0.32	121	-1.86	0.32	-5.79
200.	65	1520.1	10.0	1532.2	1491.5	-4.3	63	-4.3	-1.5	-14.5	1.21	18.92	9.35	0.98	121	-1.47	0.98	-4.11
250.	58	1515.5	11.0	1527.8	1488.8	-3.7	58	-3.7	-0.2	-14.0	1.14	17.07	8.39	-0.24	114	-1.29	-0.24	-4.03
300.	50	1514.4	8.9	1526.5	1491.1	-2.6	49	-2.6	-0.4	-4.8	1.05	15.88	8.10	-0.05	105	-0.99	-0.05	-3.00
400.	44	1507.7	9.3	1522.3	1488.5	-2.3	44	-2.3	-0.6	-4.0	98	12.87	7.34	-0.15	98	-0.92	-0.15	-2.41
500.	33	1501.9	7.5	1511.8	1484.7	-2.2	32	-2.2	-0.4	-4.6	97	10.30	6.02	-0.91	86	-0.91	-0.12	-2.77
600.	26	1497.7	4.3	1508.3	1489.4	-2.0	24	-2.0	-0.4	-3.9	46	9.27	5.95	-0.59	45	-0.59	-0.07	-1.18
700.	12	1493.1	3.2	1500.0	1487.8	-1.7	13	-1.7	-0.5	-2.7	13	7.72	6.34	-0.57	13	-0.57	-0.26	-0.83
800.	1	1489.7	0.0	1489.7	1489.7	-1.0	1	-1.0	-1.0	-1.0	1	6.41	6.41	-0.38	1	-0.38	-0.38	-0.38

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	19	1545.2	0.9	1546.3	1543.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	19	1545.1	0.9	1546.4	1543.4	19	-0.2	1.2	-6.1	0.0	20	-0.40	0.30	-3.50
20.	19	1545.0	1.2	1546.5	1541.4	19	-0.6	1.5	-6.1	0.0	20	-0.50	0.34	-3.23
30.	19	1544.8	1.6	1546.7	1539.5	19	-0.7	1.2	-5.8	0.0	20	-0.61	0.30	-2.96
40.	19	1543.5	2.3	1546.6	1536.9	18	-2.6	0.6	-8.8	0.0	20	-1.46	-0.23	-4.15
75.	19	1540.4	3.1	1545.1	1533.5	18	-4.2	-0.5	-9.9	0.0	19	-2.27	-0.52	-4.79
100.	19	1536.6	4.0	1542.7	1529.2	19	-5.6	-1.7	-16.8	0.0	20	-2.61	-0.91	-6.55
125.	19	1532.4	5.5	1539.6	1520.7	19	-5.0	-0.5	-14.8	0.0	20	-2.30	-0.59	-5.68
150.	19	1528.4	7.3	1536.4	1511.2	16	-4.8	-1.3	-9.1	0.0	18	-2.05	-0.83	-3.27
200.	17	1521.9	9.2	1530.9	1500.3	15	-2.9	-1.5	-6.1	0.0	17	-1.27	-0.76	-2.42
250.	17	1516.7	11.8	1527.1	1491.9	16	-2.8	-0.4	-5.1	0.0	17	-1.13	-0.33	-1.79
300.	15	1515.4	9.7	1525.6	1487.1	15	-2.7	-0.6	-4.2	0.0	16	-1.03	-0.40	-1.60
400.	13	1508.3	8.6	1521.6	1497.1	13	-2.7	-0.7	-3.5	0.0	13	-0.92	-0.36	-1.14
500.	12	1499.1	8.1	1514.8	1489.6	9	-2.5	-1.4	-3.5	0.0	11	-0.81	-0.52	-1.04
600.	5	1491.2	4.0	1496.6	1487.3	5	-2.0	-1.1	-2.4	0.0	5	-0.65	-0.42	-0.75
700.	4	1488.8	2.4	1491.7	1486.2	4	-0.7	0.0	-1.5	0.0	4	-0.30	-0.10	-0.51

SUMMARY FOR ONE DEGREE SQUARE 59 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	24	1539.0	1.8	1542.9	1533.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	26	1539.5	2.4	1545.2	1533.4	24	0.1	0.9	-1.7	-1.7	24	-0.19	0.27	-1.05
20.	28	1539.7	2.4	1545.5	1533.2	28	0.2	1.2	-1.5	-1.5	28	-0.16	0.27	-1.01
30.	28	1539.7	2.4	1545.3	1533.0	28	-0.2	1.2	-3.0	-3.0	28	-0.27	0.27	-0.91
40.	28	1539.6	2.4	1544.4	1532.5	27	-0.4	0.9	-4.1	-4.1	27	-0.49	0.18	-2.44
50.	30	1538.8	2.9	1542.4	1527.6	28	-1.1	3.0	-6.0	-6.0	29	-0.76	-0.02	-2.54
75.	30	1536.0	5.5	1542.3	1519.0	30	-4.4	0.4	-21.8	-21.8	30	-2.09	-0.04	-8.30
100.	30	1530.1	8.9	1540.0	1505.8	30	-7.2	-0.5	-17.9	-17.9	30	-3.01	-0.50	-6.80
125.	30	1524.1	11.0	1537.6	1498.2	30	-7.5	-2.9	-20.2	-20.2	30	-2.85	-1.45	-7.24
150.	27	1514.7	12.2	1529.8	1492.6	26	-5.3	-1.8	-12.4	-12.4	27	-1.82	-0.69	-3.75
200.	26	1509.4	14.5	1526.7	1486.3	25	-3.3	-1.0	-7.3	-7.3	27	-1.15	-0.51	-2.39
250.	22	1506.6	13.8	1523.6	1487.4	21	-2.6	-0.2	-6.5	-6.5	23	-0.89	-0.19	-2.61
300.	16	1505.7	10.0	1518.0	1488.0	16	-2.1	-1.0	-3.2	-3.2	16	-0.75	-0.40	-1.39
400.	12	1500.3	7.7	1511.6	1488.8	12	-2.0	-0.5	-3.0	-3.0	12	-0.67	-0.28	-0.93
500.	11	1495.8	6.1	1506.9	1488.7	11	-1.7	-0.2	-2.3	-2.3	11	-0.57	-0.17	-0.77
600.	5	1494.0	6.1	1503.1	1486.4	5	-1.6	-0.7	-2.6	-2.6	6	-0.51	-0.30	-0.81
700.	2	1489.7	2.9	1491.7	1487.6	2	-0.1	0.4	-0.5	-0.5	2	-0.14	-0.04	-0.25

SUMMARY FOR ONE DEGREE SQUARE 65 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT							
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN			
0.	6	1537.6	2.5	1541.8	1535.0	0	0.0	0.0	0.0	0.0	6	25.49	1.11	27.40	24.33	0.00	0.00
10.	6	1536.8	2.8	1541.7	1534.0	6	-3.1	0.6	-6.7	-0.6	6	25.08	1.24	27.32	23.88	-1.52	0.06
20.	6	1536.1	2.8	1540.8	1532.8	6	-2.1	0.3	-4.3	-4.3	6	24.69	1.24	26.78	23.31	-1.17	-0.06
30.	6	1535.2	2.7	1539.4	1531.8	6	-3.0	-1.2	-6.1	-6.1	6	24.23	1.15	26.07	22.81	-1.52	-0.73
40.	6	1533.3	2.3	1536.4	1530.3	6	-2.9	-1.5	-5.3	-5.3	6	23.28	0.97	24.64	22.07	-1.36	-0.46
50.	6	1531.0	2.0	1533.3	1528.2	6	-2.5	-0.7	-3.6	-3.6	6	22.21	0.80	23.12	21.09	-1.22	-0.48
60.	6	1529.5	1.9	1531.3	1526.1	5	-1.6	-1.0	-2.4	-2.4	6	21.46	0.74	22.17	20.17	-0.78	-0.61
70.	6	1528.4	1.8	1530.3	1525.2	6	-1.4	-1.1	-1.8	-1.8	6	20.85	0.67	21.63	19.70	-0.74	-0.57
80.	6	1527.3	1.7	1529.5	1524.4	6	-1.3	-1.0	-1.7	-1.7	6	20.32	0.62	21.13	19.28	-0.65	-0.49
90.	6	1525.8	1.6	1527.9	1523.3	6	-0.8	-0.5	-1.1	-1.1	6	19.47	0.57	20.25	18.60	-0.46	-0.26
100.	6	1524.6	1.4	1526.6	1522.8	6	-0.7	-0.3	-0.9	-0.9	6	18.77	0.48	19.48	18.15	-0.43	-0.27
110.	6	1523.9	1.2	1525.3	1522.3	6	-0.3	0.3	-0.8	-0.8	6	18.25	0.41	18.73	17.72	-0.25	-0.12
120.	6	1520.6	1.8	1524.6	1519.6	6	-0.4	0.2	-2.1	-2.1	6	17.41	0.57	17.92	16.36	-0.29	-0.13
130.	6	1523.0	4.1	1524.2	1513.0	6	-1.0	-0.1	-2.1	-2.1	6	16.15	1.22	17.26	13.91	-0.45	-0.20
140.	6	1515.9	5.2	1520.6	1506.4	6	-1.5	-1.1	-2.0	-2.0	6	14.27	1.47	15.66	11.60	-0.60	-0.49
150.	6	1509.6	4.9	1514.4	1500.7	5	-1.9	-1.0	-2.6	-2.6	6	12.02	1.35	13.34	9.60	-0.73	-0.60
160.	6	1503.4	4.2	1507.8	1496.0	6	-1.7	-1.1	-2.0	-2.0	6	9.87	1.11	11.05	7.92	-0.59	-0.42
170.	6	1497.6	3.1	1500.5	1492.2	6	-1.9	-1.2	-2.3	-2.3	6	7.95	0.79	8.64	6.54	-0.61	-0.42
180.	6	1493.3	1.9	1495.3	1490.8	5	-1.1	-0.4	-1.6	-1.6	6	6.43	0.48	6.93	5.78	-0.42	-0.21
190.	6	1491.3	1.2	1492.7	1489.9	6	-0.4	-0.1	-0.7	-0.7	6	5.51	0.30	5.84	5.17	-0.23	-0.16
200.	6	1490.7	1.0	1491.8	1489.6	5	-0.1	-0.1	-0.2	-0.2	6	4.96	0.25	5.23	4.69	-0.15	-0.12
210.	6	1490.7	0.9	1491.8	1489.6	6	0.1	0.2	-0.1	-0.1	6	4.56	0.21	4.82	4.29	-0.10	-0.05
220.	6	1491.2	0.7	1492.2	1490.3	6	0.2	0.4	0.1	0.1	6	4.29	0.17	4.53	4.08	-0.07	-0.03
230.	6	1492.2	0.6	1493.1	1491.5	6	0.3	0.4	0.2	0.2	6	4.10	0.15	4.33	3.94	-0.06	-0.03
240.	6	1494.9	0.5	1495.5	1494.0	5	0.4	0.5	0.3	0.3	6	3.76	0.13	3.91	3.55	-0.03	-0.01
250.	5	1498.1	0.4	1498.5	1497.7	3	0.4	0.4	0.4	0.4	5	3.52	0.09	3.61	3.41	-0.03	-0.04
260.	2	1504.9	0.1	1505.0	1504.8	2	0.4	0.4	0.4	0.4	2	3.12	0.05	3.15	2.78	-0.03	-0.04
300.	2	1511.9	0.2	1512.0	1511.7	2	0.4	0.4	0.3	0.3	2	2.73	0.04	2.76	2.70	-0.01	-0.02
400.	2	1527.4	0.1	1527.4	1527.3	2	0.6	0.6	0.6	0.5	2	2.28	0.03	2.30	2.26	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	MC	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	27	1533.4	1.4	1535.0	1531.4	0	0.0	0.0	0.0	27	23.67	0.61	24.35	22.80	0	0.00	0.00	0.00
10.	27	1533.5	1.4	1535.2	1531.5	27	0.4	3.0	-1.5	27	23.65	0.62	24.35	22.72	27	-0.02	0.30	-0.82
20.	27	1533.7	1.4	1535.4	1531.7	26	0.3	1.2	-1.2	27	23.64	0.63	24.39	22.80	27	0.07	3.35	-0.67
30.	27	1533.6	1.4	1535.4	1531.7	25	-0.1	3.0	-2.4	27	23.57	0.60	24.30	22.73	27	0.28	12.70	-1.46
40.	27	1533.6	1.4	1535.4	1531.6	23	-0.2	0.6	-1.7	27	23.41	0.60	24.14	22.54	27	-2.17	-0.02	-18.08
75.	27	1533.4	1.5	1535.6	1530.6	27	-0.2	0.5	-2.0	27	23.17	0.62	24.09	21.99	27	-0.29	0.01	-0.96
100.	27	1532.9	1.6	1535.4	1529.6	27	-1.2	-0.1	-3.0	27	22.81	0.65	23.82	21.46	27	-0.75	-0.18	-1.24
125.	27	1531.9	1.6	1534.3	1528.4	27	-1.3	0.4	-2.3	27	22.22	0.63	23.16	20.84	27	-0.72	-0.02	-1.13
150.	27	1530.7	1.7	1532.9	1527.0	27	-1.5	0.5	-3.0	27	21.60	0.65	22.40	20.19	27	-0.83	-0.04	-1.52
200.	27	1527.6	1.7	1530.9	1525.3	26	-1.4	-0.5	-3.0	27	20.18	0.63	21.36	19.29	27	-0.73	-0.30	-1.05
250.	26	1525.7	1.2	1528.2	1523.8	26	-1.1	-0.2	-2.0	26	19.12	0.43	20.04	18.46	26	-0.58	-0.20	-0.88
300.	26	1524.4	0.7	1526.7	1522.7	25	-0.5	1.5	-3.0	26	18.39	0.25	19.18	17.81	26	-0.33	-0.07	-0.77
400.	25	1522.2	1.5	1525.9	1519.3	23	-1.1	-0.2	-3.0	25	17.16	0.47	18.33	16.23	23	-0.49	-0.10	-0.74
500.	24	1518.1	2.3	1524.1	1515.7	22	-1.4	-0.8	-1.8	24	15.37	0.71	17.24	14.67	24	-0.38	5.30	-1.80
600.	24	1512.9	3.2	1520.5	1509.5	24	-1.8	-0.7	-3.0	24	13.38	0.93	15.61	12.42	24	-0.66	-0.35	-0.99
700.	18	1505.5	3.5	1514.1	1500.8	18	-2.3	-1.8	-3.8	18	10.88	0.96	13.23	9.63	18	-0.76	-0.82	-1.17
800.	17	1499.1	3.0	1508.0	1494.8	16	-1.8	-1.2	-2.6	17	8.74	0.78	11.09	7.62	16	-0.59	-0.46	-0.83
900.	16	1494.4	2.6	1502.5	1491.6	16	-1.4	-0.8	-1.8	16	7.12	0.66	9.19	6.39	16	-0.48	-0.37	-0.57
1000.	7	1492.3	2.9	1497.8	1490.3	7	-1.0	-0.9	-1.4	7	6.16	0.71	7.54	5.68	7	-0.39	-0.35	-0.48
1100.	3	1491.5	2.8	1494.2	1488.7	3	-0.9	-0.6	-1.1	3	5.58	0.67	6.23	4.89	3	-0.34	-0.27	-0.40
1200.	3	1490.4	2.0	1492.4	1488.4	3	-0.1	0.3	-0.3	3	4.90	0.48	5.38	4.42	3	-0.13	-0.06	-0.19
1300.	3	1490.6	1.7	1491.8	1488.6	3	0.0	0.3	-0.2	3	4.53	0.41	4.83	4.06	3	-0.11	-0.06	-0.17
1400.	3	1491.1	1.7	1492.2	1489.2	3	0.2	0.2	0.1	3	4.26	0.39	4.50	3.81	3	-0.08	-0.07	-0.09
1500.	3	1491.9	1.3	1492.9	1490.4	3	0.3	0.5	0.2	3	4.05	0.31	4.27	3.70	3	-0.05	-0.07	-0.08
1750.	3	1494.9	0.4	1495.3	1494.5	3	0.3	0.4	0.3	3	3.75	0.09	3.84	3.66	3	-0.03	-0.05	-0.05
2000.	3	1498.3	0.3	1498.6	1498.0	3	0.5	0.5	0.4	3	3.55	0.07	3.63	3.49	3	-0.01	-0.01	-0.03
2500.	3	1505.3	0.1	1505.4	1505.2	3	0.4	0.4	0.4	3	3.20	0.03	3.23	3.18	3	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	48	1538.4	3.1	1543.4	1531.4	0	0.0	0.0	0.0	48	25.98	1.36	28.00	22.90	0	0.00	0.00	0.00
10.	48	1538.3	3.0	1542.6	1531.6	48	-0.7	3.0	-6.4	48	25.74	1.28	27.58	22.89	48	-0.56	0.14	-2.99
20.	48	1537.7	2.8	1542.4	1531.6	48	-1.8	3.0	-10.7	48	25.41	1.22	27.39	22.86	48	-1.06	0.03	-4.85
30.	48	1537.0	2.6	1541.2	1531.2	46	-1.9	0.6	-6.1	48	25.02	1.11	26.75	22.57	47	-1.07	0.03	-2.99
50.	48	1535.8	2.2	1538.9	1530.0	48	-1.8	1.5	-6.7	48	24.35	0.91	25.69	21.96	48	-1.01	-0.05	-3.00
75.	48	1534.5	2.3	1536.7	1526.7	48	-1.7	0.1	-4.6	48	23.62	0.94	24.56	20.55	48	-0.91	-0.22	-1.91
100.	48	1533.3	2.7	1535.7	1524.1	47	-1.4	-0.2	-3.4	48	22.93	1.04	23.92	19.47	48	-0.77	-0.08	-1.60
125.	48	1532.2	2.8	1534.9	1522.5	47	-1.3	0.1	-3.0	48	22.33	1.06	23.38	19.07	48	-0.74	-0.17	-1.44
150.	48	1530.9	2.6	1533.9	1522.6	48	-1.7	-0.9	-3.0	48	21.65	0.99	22.76	19.62	48	-0.91	-0.15	-1.37
200.	48	1527.9	1.8	1530.4	1522.5	47	-1.7	1.0	-3.0	48	20.21	0.64	21.04	18.35	48	-0.84	-0.10	-1.32
250.	48	1525.8	1.0	1527.3	1522.8	48	-1.2	0.2	-2.1	48	19.15	0.35	19.69	18.15	48	-0.61	-0.12	-0.93
300.	48	1524.6	0.5	1526.2	1522.8	48	-0.5	0.3	-1.1	48	18.45	0.20	19.02	17.91	48	-0.33	-0.08	-0.56
400.	48	1523.2	0.7	1525.7	1521.9	46	-0.6	0.3	-2.0	48	17.49	0.25	18.29	17.06	48	-0.34	-0.03	-0.61
500.	48	1519.7	1.4	1525.2	1517.8	46	-1.2	-0.7	-1.8	48	15.87	0.42	17.60	15.29	48	-0.54	-0.35	-0.71
600.	46	1514.4	1.7	1520.9	1512.6	45	-1.8	-1.1	-3.0	46	13.81	0.10	15.75	13.29	46	-0.70	-0.49	-0.95
700.	38	1507.6	2.0	1513.8	1505.4	38	-2.1	-1.7	-2.5	48	11.45	0.55	13.14	10.80	38	-0.74	-0.63	-0.85
800.	37	1501.3	1.9	1507.0	1498.6	36	-1.9	-1.3	-3.0	38	9.29	0.50	10.42	8.54	38	-0.13	18.90	-0.42
900.	36	1495.7	1.5	1500.9	1493.2	36	-1.7	-1.2	-2.3	37	7.43	0.39	8.77	6.77	37	-0.56	-0.43	-0.73
1000.	26	1491.6	1.2	1494.6	1489.6	25	-1.1	-0.5	-2.0	26	6.00	0.31	6.74	5.45	26	-0.42	-0.20	-0.62
1100.	13	1490.1	0.9	1491.8	1488.8	13	-0.5	-0.1	-0.7	13	5.21	0.22	5.62	4.90	13	-0.24	-0.15	-0.30
1200.	13	1489.3	1.0	1491.2	1488.0	13	0.2	3.0	-1.0	13	4.63	0.23	5.06	4.34	13	-0.11	-0.04	-0.22
1300.	13	1489.7	1.0	1491.3	1487.3	13	0.2	0.3	-0.2	13	4.31	0.23	4.68	3.76	13	-0.09	-0.05	-0.14
1400.	12	1490.3	1.2	1491.5	1487.1	12	0.2	0.3	-0.1	12	4.06	0.28	4.35	3.32	12	-0.07	-0.04	-0.13
1500.	8	1491.8	0.7	1492.6	1490.4	7	0.4	0.5	0.3	8	4.01	0.17	4.19	3.70	7	-0.04	-0.04	-0.05
1750.	8	1495.0	0.3	1495.6	1494.6	8	0.4	0.5	0.3	8	3.78	0.07	3.91	3.70	8	-0.02	-0.00	-0.05
2000.	7	1498.7	0.3	1499.1	1498.4	6	0.4	0.5	0.4	8	3.62	0.09	3.74	3.46	8	-0.09	-0.01	-0.51
2500.	5	1505.5	0.4	1506.2	1505.0	5	0.4	0.4	0.4	5	3.24	0.11	3.41	3.13	5	-0.03	-0.02	-0.04
3000.	5	1512.4	0.7	1513.5	1511.9	5	0.4	0.5	0.4	5	2.84	0.16	3.12	2.73	5	-0.02	-0.02	-0.02
4000.	4	1527.8	0.3	1528.2	1527.5	3	0.5	0.5	0.4	4	2.37	0.07	2.47	2.30	4	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MI 4
0.	18	1543.5	0.7	1544.3	1540.8	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	18	1543.6	0.8	1544.6	1539.1	0.0	18	-1.0	1.0	0.0	0.0	0.0	18	-0.82	0.14	-3.05
20.	18	1542.6	1.1	1543.9	1539.1	0.0	18	-2.0	0.6	-5.8	0.6	0.0	18	-1.70	-0.24	-2.99
30.	18	1541.6	1.5	1543.7	1537.6	0.0	18	-3.1	-0.3	-5.2	-0.3	0.0	18	-1.74	-0.43	-2.71
50.	18	1539.2	2.0	1543.1	1534.4	0.0	18	-4.5	-0.3	-7.4	-0.3	0.0	18	-2.26	-0.55	-3.73
75.	18	1535.3	1.7	1538.2	1530.6	0.0	17	-4.6	-2.8	-6.0	-2.8	0.0	17	-2.20	-1.44	-3.00
100.	18	1532.3	1.4	1534.2	1528.2	0.0	18	-3.4	-2.0	-4.9	-2.0	0.0	18	-1.54	-0.91	-2.22
125.	18	1530.2	1.2	1532.0	1527.3	0.0	17	-2.6	-1.1	-3.7	-1.1	0.0	18	-1.18	-0.61	-1.66
150.	18	1528.4	1.0	1529.9	1526.4	0.0	18	-2.0	-1.2	-3.0	-1.2	0.0	18	-0.98	-0.61	-1.35
200.	17	1525.9	0.6	1527.9	1524.9	0.0	17	-1.2	-0.5	-2.3	-0.5	0.0	18	-0.60	-0.20	-1.00
250.	17	1524.8	0.5	1526.2	1524.2	0.0	17	-0.7	-0.1	-1.2	-0.1	0.0	18	-0.41	-0.22	-0.52
300.	15	1523.4	0.5	1525.6	1523.2	0.0	14	-0.1	1.0	-1.5	1.0	0.0	15	-0.07	1.75	-0.45
500.	15	1519.7	0.9	1521.7	1517.5	0.0	15	-0.4	0.1	-1.9	0.1	0.0	15	-0.30	-0.15	-0.45
600.	15	1513.7	1.1	1515.6	1511.3	0.0	14	-2.1	-1.4	-2.6	-1.4	0.0	15	-0.73	-0.54	-2.90
700.	14	1505.9	1.7	1508.0	1500.8	0.0	14	-2.5	-1.8	-3.7	-1.8	0.0	14	-0.84	-0.67	-1.00
800.	13	1458.7	0.9	1500.6	1497.6	0.0	13	-2.2	-1.5	-2.7	-1.5	0.0	13	-0.70	-0.51	-0.51
1000.	12	1493.0	1.0	1494.9	1491.7	0.0	11	-1.7	-1.2	-2.0	-1.2	0.0	12	-0.57	-0.45	-0.60
1100.	5	1490.1	1.1	1492.0	1489.3	0.0	5	-0.9	-0.4	-1.1	-0.4	0.0	5	-0.35	-0.25	-0.41
1200.	1	1490.6	0.0	1490.6	1490.6	0.0	1	-0.4	-0.4	-0.4	-0.4	0.0	1	-0.22	-0.22	-0.22
1300.	1	1490.0	0.0	1490.0	1490.0	0.0	1	-0.2	-0.2	-0.2	-0.2	0.0	1	-0.17	-0.17	-0.17
1400.	1	1490.3	0.0	1490.3	1490.3	0.0	1	0.2	0.2	0.2	0.2	0.0	1	-0.04	-0.04	-0.04
1500.	1	1491.0	0.0	1491.0	1491.0	0.0	1	0.2	0.2	0.2	0.2	0.0	1	-0.07	-0.07	-0.07
1750.	1	1491.8	0.0	1491.8	1491.8	0.0	1	0.2	0.2	0.2	0.2	0.0	1	-0.06	-0.06	-0.06
	1	1494.6	0.0	1494.6	1494.6	0.0	1	0.3	0.3	0.3	0.3	0.0	1	-0.04	-0.04	-0.04

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	U	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	U	MAX	MIN	NO	AVG	MAX	MIN
0.	54	1540.5	3.0	1544.9	1534.2	0	0.0	0.0	0.0	57	26.86	1.37	28.47	24.02	57	0.00	0.00	0.00
10.	59	1540.9	3.0	1544.9	1534.4	54	0.6	4.4	-2.4	59	26.94	1.40	28.73	24.02	57	0.06	1.36	-1.34
20.	59	1541.0	3.0	1545.1	1534.6	57	0.4	3.0	-4.9	59	26.92	1.36	28.77	24.02	59	-0.10	0.20	-2.51
30.	59	1541.1	2.9	1545.3	1534.7	57	0.4	3.0	-2.4	59	26.86	1.34	28.81	24.02	58	-0.14	0.21	-1.2
40.	59	1440.4	2.6	1545.0	1535.1	52	-2.5	0.8	-6.9	59	26.36	1.17	28.47	24.02	55	-1.32	1.71	-3.96
50.	59	1536.7	1.2	1541.2	1534.5	52	-4.5	0.3	-7.8	59	24.60	0.55	26.53	23.57	57	-2.22	-0.11	-3.72
60.	59	1533.8	0.9	1538.3	1531.9	58	-3.6	-0.3	-7.6	59	23.10	0.43	24.17	22.33	59	-1.74	-0.34	-2.91
70.	59	1531.5	1.1	1536.1	1528.8	58	-2.8	-0.4	-5.6	59	22.01	0.47	23.91	20.92	58	-1.33	-0.73	-2.45
80.	59	1529.4	1.3	1535.7	1526.1	57	-2.0	1.7	-3.3	59	21.07	0.52	23.58	19.76	59	-0.05	46.02	-1.52
90.	59	1526.4	1.1	1532.7	1525.1	38	-1.6	-0.9	-4.4	58	19.70	0.44	22.03	19.22	39	-0.74	-0.22	-2.08
100.	59	1525.0	0.6	1527.1	1523.2	55	-1.0	-0.2	-3.8	58	18.96	0.23	19.62	18.29	57	-0.51	-0.23	-1.60
110.	55	1523.8	0.3	1525.2	1522.2	54	-0.4	1.5	-1.5	55	18.20	0.17	18.57	17.65	55	-0.74	0.56	-24.99
120.	52	1521.7	0.9	1523.8	1518.2	51	-0.8	-0.4	-2.0	48	15.29	0.64	16.55	12.66	52	-0.42	-0.27	-0.60
130.	48	1517.4	2.2	1521.9	1508.7	47	-1.6	-0.3	-4.0	44	13.00	0.87	14.59	9.55	47	-0.74	-0.56	-0.93
140.	42	1511.7	3.1	1517.0	1498.4	41	-2.1	-1.0	-2.4	22	10.36	0.73	12.46	8.91	21	-0.71	-0.42	-0.82
150.	22	1505.3	2.7	1510.6	1498.1	21	-2.1	-1.0	-2.4	16	9.09	0.38	10.13	8.54	14	-0.53	0.34	-0.65
160.	16	1500.5	1.5	1504.4	1494.0	15	-1.7	-1.0	-0.6	16	7.43	0.27	8.18	7.02	16	-0.49	-0.28	-0.59
170.	16	1485.7	1.1	1498.6	1494.0	16	-1.4	-0.6	-1.8	4	6.32	0.26	6.68	6.10	4	-0.33	-0.26	-0.44
180.	4	1493.0	1.1	1494.4	1492.0	4	-0.6	-0.5	-1.2	3	5.40	0.16	5.53	5.22	3	-0.28	-0.22	-0.35
190.	3	1490.9	0.8	1491.5	1490.0	3	-0.6	-0.4	-0.9	3	4.78	0.17	4.89	4.58	3	-0.12	-0.08	-0.18
200.	3	1489.9	0.8	1490.5	1489.0	3	-0.1	-0.2	-0.2	3	4.44	0.11	4.57	4.36	3	-0.10	-0.07	-0.14
210.	3	1490.2	0.6	1490.9	1489.8	3	0.2	0.3	0.1	3	4.22	0.06	4.29	4.01	3	-0.06	-0.04	-0.07
220.	3	1491.0	0.3	1491.3	1490.7	3	0.5	0.8	0.3	3	4.04	0.03	4.06	3.79	3	-0.04	-0.04	-0.05
230.	3	1491.9	0.2	1492.1	1491.7	3	0.4	0.4	0.3	3	3.77	0.07	3.79	3.66	3	-0.04	-0.03	-0.05
240.	3	1494.9	0.2	1495.0	1494.6	3	0.5	0.6	0.4	3	3.56	0.01	3.57	3.55	2	-0.01	-0.01	-0.03
250.	3	1498.3	0.1	1498.4	1498.3	3	0.5	0.6	0.4	2	3.13	0.06	3.17	3.08	2	-0.03	-0.02	-0.03
260.	2	1505.0	0.3	1505.2	1504.8	2	0.4	0.4	0.4	2	2.74	0.08	2.80	2.68	1	-0.02	-0.02	-0.02
270.	2	1512.0	0.4	1512.2	1511.7	1	0.4	0.4	0.4									

SUMMARY FOR ONE MILE SQUARE 69 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1537.0	0.9	1538.4	1534.7	0	0.0	0.37	25.74	24.30	0	0.00	0.00	0.00
10.	13	1537.1	0.9	1538.0	1534.8	12	0.3	0.36	25.64	24.29	14	-5.14	0.09	-70.41
20.	16	1537.3	0.9	1538.1	1535.0	12	1.0	0.38	25.63	24.27	14	-0.09	0.51	-3.41
30.	14	1537.5	0.9	1538.5	1535.1	12	0.6	0.38	25.63	24.26	14	0.02	0.91	-0.38
40.	14	1537.3	1.1	1538.6	1535.1	14	-0.6	0.50	25.58	24.07	14	-0.55	-0.05	-1.93
50.	14	1536.2	2.2	1539.9	1532.4	12	-1.3	0.97	25.59	22.74	14	-0.99	0.10	-3.45
75.	14	1536.6	2.6	1539.3	1528.9	14	-2.3	1.41	25.47	21.14	14	-1.21	-0.01	-3.51
100.	14	1536.6	2.9	1539.6	1528.0	14	-3.3	1.50	24.09	19.60	14	-1.55	-0.94	-3.05
125.	14	1532.1	3.9	1536.6	1524.0	14	-3.5	1.46	22.91	18.23	13	-1.51	-0.94	-2.32
150.	14	1529.6	3.9	1534.0	1521.4	13	-3.5	1.32	20.46	16.29	14	-0.86	-0.42	-1.22
200.	14	1524.9	5.0	1528.7	1516.2	14	-2.0	1.59	19.11	14.72	14	-0.71	-0.30	-1.23
250.	13	1521.7	5.0	1525.7	1511.9	13	-1.7	1.75	18.60	12.97	13	-0.62	-0.25	-1.20
300.	12	1520.0	5.7	1524.9	1506.6	11	-1.4	2.85	16.08	9.46	10	-0.79	-0.02	-3.57
400.	4	1518.2	10.7	1525.0	1495.3	7	-1.0	2.84	16.07	9.48	5	-0.84	-0.51	-1.39
500.	4	1511.0	9.9	1520.3	1496.9	4	-2.6	0.00	7.85	7.85	1	-0.43	-0.43	-0.43
600.	1	1497.2	0.0	1492.2	1492.2	1	-1.3							

SUMMARY FOR ONE DEGREE SQUARE 69 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	39	1540.1	2.9	1544.0	1534.9	0	0.0	0.0	0.0	41	26.68	1.28	28.49	24.44	0	0.00	0.00	0.00
10.	40	1539.7	2.6	1544.0	1535.2	40	-0.3	1.5	-4.4	42	26.15	1.15	28.41	24.49	42	-0.40	0.15	-2.00
20.	40	1539.7	2.5	1544.2	1534.5	39	-0.4	3.0	-7.1	42	26.33	1.12	28.41	24.13	42	-0.45	0.08	-3.76
30.	40	1539.4	2.3	1543.9	1533.8	40	-1.1	1.5	-9.1	42	26.14	1.05	28.20	23.76	42	-0.78	0.20	-4.57
50.	40	1538.5	2.1	1541.6	1532.8	39	-2.1	1.2	-16.8	42	25.54	0.96	27.03	23.15	42	-1.15	-0.02	-7.77
75.	40	1536.7	3.5	1539.9	1527.4	39	-2.1	0.8	-9.8	42	24.63	1.45	26.06	20.92	41	-1.14	0.04	-3.96
100.	40	1534.5	5.5	1539.7	1519.3	40	-3.1	0.5	-15.4	42	23.54	2.13	25.71	17.94	42	-1.53	-0.03	-9.95
125.	40	1531.6	7.7	1538.8	1511.1	40	-3.7	0.7	-12.7	42	22.12	2.81	25.07	15.18	42	-1.73	-0.30	-4.61
150.	40	1528.2	9.3	1536.7	1502.3	39	-4.2	0.4	-11.0	42	20.74	3.23	23.90	12.50	41	-1.76	-0.05	-3.45
200.	36	1523.3	8.7	1533.4	1501.2	35	-4.0	-0.7	-13.7	39	18.65	2.94	22.27	11.89	39	-1.58	-0.45	-4.29
250.	33	1520.0	8.9	1529.5	1494.8	33	-2.9	-0.8	-7.2	35	17.20	2.98	20.51	9.53	35	-1.10	-0.46	-2.20
300.	30	1517.5	9.3	1527.0	1492.2	30	-2.1	-0.5	-5.9	31	16.37	2.73	19.33	9.13	31	-0.79	-0.35	-1.70
400.	24	1513.0	9.8	1524.1	1496.7	23	-2.0	0.5	-4.2	25	14.48	2.76	17.78	9.87	25	-0.74	-0.01	-1.31
500.	14	1507.0	9.8	1517.9	1490.3	13	-2.6	-1.3	-3.8	16	12.39	2.54	15.32	7.80	16	-0.85	-0.56	-1.49
600.	6	1499.1	10.6	1512.4	1487.5	6	-1.8	-0.6	-2.9	7	9.87	2.58	13.22	6.65	7	-0.60	-0.28	-0.94
700.	2	1488.5	5.2	1492.1	1484.8	2	-0.7	-0.7	-0.8	2	6.50	1.31	7.42	5.57	2	-0.30	-0.28	-0.33

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT							
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1535.0	1.7	1538.0	1532.6		0	0.0	0.0	0.0	10	24.54	0.72	25.86	23.60		0	0.00	0.00	0.00
10.	11	1535.3	2.1	1538.2	1531.8		10	0.3	3.0	-2.4	11	24.59	0.87	25.89	23.20		11	0.29	5.27	-1.22
20.	11	1535.3	2.2	1538.4	1531.2		10	0.0	1.0	-1.8	11	24.53	0.94	25.87	22.88		11	-5.84	0.15	-6.48
30.	11	1535.4	2.3	1538.5	1531.2		11	0.3	0.8	0.3	11	24.50	0.94	25.85	22.78		11	-0.03	0.30	-0.30
50.	11	1535.7	2.3	1538.6	1531.1		11	0.2	3.0	-1.5	11	24.45	0.96	25.68	22.58		11	-0.22	0.05	-1.14
75.	11	1535.3	3.0	1538.7	1528.1		11	-0.6	0.6	-5.9	11	24.13	1.21	25.54	21.28		11	-0.50	-0.05	-2.44
100.	11	1534.3	4.1	1537.5	1522.8		11	-2.4	0.5	-6.5	11	23.52	1.56	24.71	19.19		11	-1.23	-0.04	-2.74
125.	11	1531.6	5.4	1535.4	1515.7		11	-3.3	-0.6	-8.7	11	22.24	1.90	23.64	16.70		11	-1.57	-0.37	-3.04
150.	11	1528.8	6.9	1533.0	1508.7		11	-3.7	-1.7	-8.5	11	20.98	2.31	22.44	14.39		11	-1.59	-0.82	-2.84
200.	11	1522.4	9.8	1528.4	1495.0		11	-3.6	-1.5	-8.2	11	18.47	2.97	20.41	10.29		11	-1.43	-0.61	-3.07
250.	11	1517.2	12.4	1525.1	1482.6		11	-3.2	-0.5	-7.6	11	16.53	3.52	18.87	6.90		11	-1.17	-0.37	-2.60
300.	10	1516.6	7.3	1523.8	1501.2		10	-2.3	0.4	-5.5	10	16.00	2.19	18.24	11.48		10	-0.84	-0.02	-1.69
400.	8	1509.7	9.3	1517.8	1495.9		8	-2.7	-1.3	-5.0	8	13.49	2.60	15.78	9.68		8	-0.93	-0.56	-1.53
500.	4	1504.1	8.3	1513.0	1493.2		4	-2.2	-0.8	-3.6	4	11.46	2.24	13.90	8.53		4	-0.76	-0.35	-1.14
600.	2	1493.2	5.1	1496.8	1489.6		1	-0.4	-0.4	-0.4	2	8.12	1.30	9.04	7.20		2	-0.31	-0.22	-0.41
700.	1	1485.2	0.0	1485.2	1485.2		1	-1.3	-1.3	-1.3	1	5.70	0.00	5.70	5.70		1	-0.46	-0.46	-0.46

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	26	1542.3	2.4	1546.2	1538.2	0	0.0	0.0	0.0	26	27.83	1.11	29.63	25.90	0	0.00	0.00	0.00
10.	26	1542.1	2.3	1545.3	1538.3	26	-0.7	2.0	-5.1	26	27.54	1.04	29.09	25.90	26	-0.57	0.34	-2.37
25.	26	1541.8	2.0	1545.1	1538.5	25	-1.4	4.5	-6.1	26	27.40	0.90	28.90	25.90	25	-0.84	-0.03	-1.99
50.	26	1541.1	1.8	1544.6	1538.2	26	-2.3	0.6	-15.2	26	27.01	0.82	28.60	25.74	26	-1.28	0.63	-7.01
75.	27	1539.4	3.0	1543.3	1528.4	27	-3.6	0.8	-14.9	27	26.10	1.27	27.78	21.59	27	-1.92	-0.08	-6.32
100.	27	1536.0	5.0	1539.8	1517.2	27	-4.2	0.5	-15.2	27	24.44	1.97	26.11	17.42	27	-2.01	-0.09	-5.83
125.	27	1532.1	7.2	1539.3	1507.5	27	-5.3	-0.1	-14.1	27	22.69	2.61	25.68	14.23	27	-2.33	-0.33	-5.01
150.	27	1528.1	8.8	1536.1	1498.6	27	-4.6	-4.2	-10.4	27	20.98	2.95	23.94	11.57	27	-1.99	-1.05	-3.65
200.	25	1524.5	10.3	1533.3	1491.0	27	-4.3	-1.5	-12.4	27	19.53	3.25	22.57	9.43	27	-1.69	-0.91	-3.83
250.	22	1519.7	10.2	1528.6	1488.4	24	-3.0	0.3	-7.4	25	17.56	3.06	20.46	8.55	25	-1.21	-0.10	-3.43
300.	19	1518.2	9.4	1526.1	1486.1	22	-2.3	-0.3	-5.6	23	16.66	2.76	19.29	7.77	23	-0.92	-0.27	-1.76
400.	15	1516.0	8.4	1524.9	1495.2	18	-2.6	-0.1	-5.6	20	15.61	2.64	18.61	9.92	20	-1.01	-0.16	-1.74
500.	10	1510.1	7.2	1520.2	1489.4	15	-2.3	-0.2	-4.9	15	13.62	2.77	17.62	7.97	15	-0.82	-0.22	-1.44
600.	5	1504.7	6.0	1512.8	1491.5	10	-1.7	-0.7	-4.0	10	11.66	2.85	16.06	8.10	10	-0.63	-0.28	-1.21
700.	2	1503.9	8.5	1512.8	1493.5	5	-1.7	-0.7	-3.0	5	10.95	2.27	13.37	8.18	5	-0.62	-0.32	-1.02
800.	1	1498.1	9.1	1504.5	1491.6	2	-1.4	-0.2	-2.5	2	8.95	2.35	10.61	7.29	2	-0.52	-0.19	-0.84
	1	1491.9	6.0	1491.9	1491.9	1	-3.8	-3.8	-3.8	1	6.94	0.00	6.94	6.94	1	-1.12	-1.12	-1.12

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 80 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1544.3	0.5	1545.4	1543.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	9	1544.4	0.4	1545.5	1543.8	9	1.0	3.0	3.0	-0.7	9	0.03	0.30	-0.44
20.	9	1544.3	0.2	1544.6	1544.0	9	-0.9	0.3	0.3	-5.1	9	-0.60	0.06	-2.59
30.	9	1543.8	0.5	1544.7	1543.0	9	-1.5	0.3	0.3	-4.6	9	-0.93	-0.06	-2.32
50.	9	1542.6	1.0	1543.9	1541.2	9	-2.9	-0.3	-0.3	-5.3	9	-1.56	-0.49	-2.62
75.	9	1540.3	1.0	1542.6	1539.4	9	-2.7	-1.3	-1.3	-4.9	9	-1.58	-0.61	-2.60
100.	9	1537.7	1.2	1540.1	1536.3	8	-3.2	-1.5	-1.5	-4.9	9	-1.68	-0.89	-2.44
125.	9	1534.7	1.2	1536.9	1532.7	9	-3.9	-2.1	-2.1	-6.9	9	-1.90	-1.15	-3.25
150.	9	1531.6	1.7	1534.5	1528.5	9	-3.7	-2.8	-2.8	-6.1	9	-1.66	-1.34	-2.29
200.	9	1526.1	2.7	1529.0	1521.3	9	-2.7	-1.0	-1.0	-7.1	9	-1.12	-0.41	-2.75
250.	9	1521.7	6.3	1527.1	1512.1	8	-3.0	-0.7	-0.7	-6.2	9	-0.77	2.07	-2.05
300.	8	1519.6	9.0	1525.1	1504.1	8	-1.9	-0.1	-0.1	-6.0	8	-0.74	-0.21	-1.89
400.	6	1521.3	2.9	1524.7	1516.9	6	-0.9	0.2	0.2	-2.0	6	-0.45	-0.08	-0.79
500.	4	1516.4	6.3	1522.0	1510.4	4	-2.2	-1.7	-1.7	-3.3	4	-0.82	-0.64	-1.12
600.	2	1515.4	0.8	1515.9	1514.8	2	-2.0	-1.9	-1.9	-2.1	2	-0.75	-0.72	-0.77
700.	2	1508.9	2.3	1510.5	1507.2	2	-1.9	-1.5	-1.5	-2.3	2	-0.69	-0.58	-0.60

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT						
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	C.C	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1541.4	1.5	1543.4	1539.4	0	0.0	0.0	0.0	0.0	10	27.40	3.73	29.29	26.48	0	0.00	0.00	0.00
10.	10	1541.5	1.4	1543.2	1539.8	10	0.3	1.0	-0.9	-0.9	10	27.38	0.67	28.12	26.54	10	-0.08	0.27	-0.70
20.	10	1541.6	1.3	1543.1	1540.1	10	0.3	1.2	-0.6	-0.6	10	27.34	0.63	28.09	26.56	10	-0.15	0.18	-0.61
30.	10	1541.7	1.2	1543.3	1540.3	10	0.2	0.6	-0.6	-0.6	10	27.30	0.61	28.08	26.55	10	-0.17	-0.03	-0.61
40.	10	1541.7	1.0	1543.1	1540.5	10	-0.5	1.5	-6.1	-6.1	10	27.12	0.48	27.87	26.54	10	-0.58	0.02	-3.35
75.	10	1540.6	0.8	1541.5	1539.2	10	-1.3	0.4	-4.8	-4.8	10	26.37	0.35	26.86	25.69	10	-0.93	-0.17	-2.66
100.	10	1538.9	1.9	1541.2	1535.9	10	-3.2	0.2	-9.9	-9.9	10	26.35	0.83	26.44	23.98	10	-1.71	-0.18	-4.34
125.	10	1535.3	3.6	1542.8	1529.0	10	-4.4	2.0	-10.2	-10.2	10	23.60	1.49	26.84	21.16	10	-2.13	0.49	-4.26
150.	10	1531.6	6.1	1544.2	1519.2	10	-4.9	1.7	-13.9	-13.9	10	21.48	2.37	27.24	17.60	10	-2.01	0.49	-4.79
200.	10	1522.5	8.4	1527.6	1499.7	10	-5.2	-2.0	-10.7	-10.7	10	18.42	2.55	20.11	11.54	10	-2.00	-0.91	-4.54
250.	10	1517.6	10.2	1524.4	1489.5	10	-2.7	-0.8	-6.2	-6.2	10	16.59	2.53	18.69	9.63	10	-1.03	-0.61	-1.77
300.	9	1517.9	4.1	1523.4	1511.1	8	-1.9	-0.6	-3.3	-3.3	9	16.33	1.26	18.07	14.25	9	-0.74	-0.37	-1.15
400.	8	1508.6	4.9	1517.4	1491.8	8	-2.8	-1.0	-6.8	-6.8	8	13.14	2.48	15.68	8.60	8	-0.92	-0.47	-1.91
500.	2	1511.2	1.3	1512.1	1510.3	2	-1.7	-1.6	-1.7	-1.7	2	13.34	0.40	13.62	13.05	2	-0.64	-0.63	-0.64

SUMMARY FOR ONE DEGREE SQUARE 89 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S O	MAX	MIN	NO	AVG	S O	MAX	MIN	NO	AVG	MAX	MIN
0.	25	1533.4	0.7	1535.7	1532.4	29	23.83	0.34	24.80	23.00	0	0.00	0.00	0.00
10.	27	1533.6	1.2	1538.2	1532.2	30	23.82	0.51	25.90	23.02	30	0.00	7.38	-0.70
20.	27	1533.6	1.2	1538.2	1532.0	30	23.75	0.53	25.85	23.06	30	-0.23	0.30	-0.64
30.	27	1533.6	1.3	1538.2	1531.8	30	23.67	0.53	25.68	22.96	30	-0.23	0.09	-0.55
40.	27	1533.6	1.4	1538.4	1531.6	33	23.52	0.55	25.59	22.66	33	-0.19	0.06	-0.73
50.	28	1533.7	1.4	1538.5	1531.6	32	23.38	0.48	25.44	22.43	52	-0.12	0.30	-0.66
75.	28	1533.9	1.3	1538.1	1532.0	32	23.26	0.49	25.06	22.43	52	-0.24	0.06	-2.44
100.	28	1533.5	1.2	1536.5	1531.0	32	22.97	0.51	24.11	22.02	52	-0.47	-0.01	-2.27
125.	28	1533.5	1.7	1535.1	1528.5	32	22.52	0.66	23.58	20.77	52	-0.80	-0.01	-2.34
150.	28	1532.8	2.2	1532.6	1524.0	32	20.90	0.74	22.07	18.79	52	-1.18	0.43	-2.53
200.	28	1529.3	2.2	1532.6	1524.0	32	18.62	0.74	21.17	16.59	52	-1.68	-0.25	-3.84
250.	28	1524.2	2.3	1530.9	1517.9	32	16.40	1.00	20.68	14.77	52	-1.13	-0.07	-2.00
300.	28	1518.7	3.7	1530.4	1512.7	32	12.98	1.34	18.07	11.51	52	-1.40	-0.18	-2.56
400.	28	1509.4	5.7	1525.1	1504.1	30	10.14	1.41	16.52	8.87	50	-0.74	-0.08	-1.60
500.	27	1500.5	6.6	1521.8	1494.5	40	7.96	1.38	13.75	6.79	44	-0.52	-0.03	-1.38
600.	26	1493.5	3.6	1514.2	1487.9	33	7.15	0.70	10.02	6.61	33	-0.10	0.15	-0.84
700.	17	1491.7	3.6	1502.2	1488.9	17	0.2							

SUMMARY FOR ONE DEGREE SQUARE 49 OF MARSDEN SQUARE 80 FOR MONTHS 4-6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1539.9	2.7	1543.5	1533.6	0	0.0	0.0	0.0	19	26.34	1.35	28.40	23.80	0	0.00	0.00	0.00
10.	15	1539.9	2.8	1543.3	1533.2	15	0.1	1.5	-3.0	19	26.53	1.16	28.14	23.59	19	0.60	3.60	-0.91
20.	15	1539.7	2.9	1543.5	1532.5	15	-0.4	0.6	-4.6	19	26.60	1.16	28.16	23.23	19	0.14	2.04	-2.44
30.	19	1540.0	2.5	1543.5	1532.7	18	-0.6	0.6	-4.3	19	26.50	1.17	28.11	23.17	18	-0.53	0.03	-2.23
40.	19	1539.2	2.5	1542.7	1532.8	19	-1.9	0.8	-10.7	19	26.01	1.15	27.62	23.05	19	-1.17	0.11	-6.93
75.	19	1537.5	2.6	1541.7	1531.7	19	-2.0	0.2	-5.2	19	24.99	1.19	26.99	22.56	19	-1.14	-0.12	-2.47
100.	19	1535.0	3.2	1540.2	1528.4	19	-3.9	-0.5	-11.0	19	23.74	1.33	26.09	21.10	19	-1.88	-0.51	-4.69
125.	19	1532.0	3.6	1538.3	1525.7	19	-3.3	-1.0	-8.9	19	22.34	1.44	24.96	19.94	19	-1.58	-0.30	-3.78
150.	17	1529.6	3.9	1536.5	1523.3	16	-2.9	-0.6	-9.1	19	21.21	1.47	23.91	18.97	18	-1.28	-0.24	-3.35
200.	19	1524.4	5.7	1531.0	1510.5	18	-3.1	-0.9	-9.5	19	19.07	1.90	21.35	14.61	18	-1.21	-0.15	-3.25
250.	16	1522.7	4.8	1527.5	1509.8	16	-2.3	-0.1	-7.4	16	18.16	1.53	19.86	14.14	16	-0.93	-0.23	-2.34
300.	14	1519.6	5.8	1525.2	1507.7	14	-2.2	-0.4	-6.7	14	16.91	1.79	18.72	13.33	14	-0.83	-0.04	-2.16
400.	12	1515.6	7.4	1523.3	1498.0	11	-2.3	-0.5	-4.9	12	15.19	2.17	17.50	10.18	12	-0.79	-0.14	-1.55
500.	11	1506.9	10.1	1520.5	1488.4	11	-2.9	-0.7	-5.8	12	12.24	2.77	16.11	7.29	12	-0.78	1.38	-1.72
600.	10	1502.2	8.3	1514.3	1489.3	10	-2.3	-1.7	-3.0	10	10.48	2.21	13.78	7.13	10	-0.78	-0.54	-0.99
700.	3	1497.9	2.1	1499.3	1495.4	3	-1.9	-0.5	-2.8	3	8.89	0.56	9.27	8.25	3	-0.64	-0.26	-0.89

SUMMARY FOR ONE DEGREE SQUARE 96 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1537.8	0.3	1538.5	1537.5	0	0.0	0.0	0.0	10	25.58	0.21	26.02	25.41	0	0.00	0.00	0.00
10.	8	1538.0	0.4	1538.7	1537.6	8	0.5	1.5	0.3	10	25.58	0.22	26.04	25.41	10	-0.02	-0.03	-0.15
20.	8	1538.1	0.4	1538.9	1537.7	8	0.4	0.6	0.3	10	25.57	0.22	26.05	25.40	10	-0.01	-0.02	-0.09
30.	8	1538.3	0.4	1539.1	1537.9	8	0.5	0.9	0.3	10	25.57	0.22	26.04	25.40	10	-0.02	-0.03	-0.09
40.	8	1538.5	0.4	1539.4	1538.1	9	-0.3	0.8	-3.0	10	25.54	0.24	26.04	25.32	10	-0.00	0.00	-1.00
75.	9	1537.7	2.4	1539.8	1532.4	8	-3.3	0.6	-14.0	10	25.54	1.01	26.05	25.79	9	-1.00	0.01	-6.55
100.	9	1533.4	4.3	1540.0	1525.4	8	-4.1	-0.3	-10.0	10	23.02	1.72	25.93	19.92	10	-1.84	-0.27	-6.44
125.	9	1531.0	4.8	1539.7	1524.1	8	-2.9	-0.4	-4.4	10	21.86	1.97	25.56	19.27	10	-1.38	-0.45	-2.27
150.	9	1529.0	4.2	1537.2	1523.7	9	-2.6	0.3	-5.0	10	20.90	1.57	24.25	18.99	10	-1.18	-0.11	-2.50
200.	9	1526.2	2.7	1531.5	1523.8	8	-1.0	0.6	-2.4	10	19.57	0.94	21.54	18.72	10	-0.54	-0.06	-1.16
250.	9	1525.2	1.7	1528.7	1523.8	9	-0.5	0.2	-1.4	10	18.94	0.57	20.20	18.49	10	-0.35	-0.07	-0.67
300.	9	1524.6	1.1	1527.0	1523.8	9	-0.3	0.4	-1.0	10	18.48	0.35	19.28	18.22	10	-0.23	-0.04	-0.52
400.	9	1524.5	0.8	1525.6	1523.7	9	-0.0	0.5	-0.6	10	17.88	0.24	18.25	17.63	10	-0.17	-0.03	-0.33
500.	9	1523.2	1.3	1526.3	1522.1	9	-0.7	-0.1	-1.5	10	16.94	0.39	17.96	16.61	10	-0.37	-0.20	-0.61
600.	9	1520.1	1.7	1524.0	1518.3	9	-1.5	-0.7	-2.7	10	15.47	0.50	16.71	14.95	10	-0.62	-0.30	-0.93
700.	9	1513.4	2.2	1518.7	1511.6	9	-2.3	-1.5	-3.3	10	13.14	0.60	14.58	12.55	10	-0.78	-0.46	-1.20
800.	9	1504.7	3.1	1511.7	1502.3	8	-3.0	-1.6	-4.3	10	10.18	0.80	12.11	9.58	9	-0.84	-0.41	-1.20
900.	9	1496.5	3.9	1504.1	1493.1	9	-2.5	-1.7	-3.4	10	7.62	0.94	9.62	6.79	10	-0.78	-0.58	-0.90
1000.	7	1490.1	4.5	1498.7	1486.8	6	-2.1	-1.3	-3.0	10	5.32	1.03	7.77	4.41	10	-0.62	-0.46	-0.89
1100.	3	1489.8	5.0	1495.4	1485.9	3	-0.3	0.2	-1.0	3	5.14	1.22	6.21	4.20	3	-0.20	-0.17	-0.33
1200.	2	1470.8	3.7	1493.4	1488.1	2	-0.2	0.0	-0.5	2	4.97	0.90	5.60	4.33	2	-0.14	-0.11	-0.25
1300.	2	1490.7	2.5	1492.5	1488.9	2	0.0	0.4	-0.3	2	4.54	0.61	4.77	4.11	2	-0.11	-0.04	-0.19
1400.	2	1491.5	1.9	1492.8	1490.1	2	0.3	0.4	0.2	2	4.33	0.46	4.65	4.00	2	-0.05	-0.03	-0.07
1500.	2	1492.4	1.6	1493.5	1491.3	2	0.3	0.3	0.2	2	4.16	0.38	4.43	3.89	2	-0.05	-0.03	-0.07
1750.	1	1496.0	0.0	1496.0	1496.0	1	0.3	0.3	0.3	1	4.01	0.00	4.01	4.01	1	-0.05	-0.05	-0.05
2000.	1	1498.9	0.0	1498.9	1498.9	1	0.4	0.4	0.4	1	3.70	0.00	3.70	3.70	1	-0.03	-0.03	-0.03
2500.	1	1505.6	0.0	1505.6	1505.6	1	0.4	0.4	0.4	1	3.27	0.00	3.27	3.27	1	-0.02	-0.02	-0.02
3000.	1	1512.7	0.0	1512.7	1512.7	1	0.4	0.4	0.4	1	2.91	0.00	2.91	2.91	1	-0.02	-0.02	-0.02
4000.	1	1527.8	0.0	1527.8	1527.8	1	0.5	0.5	0.5	1	2.36	0.00	2.36	2.36	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 47 OF MARSDEN SQUARE 8C FOR MONTHS 4-6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	6	1538.5	2.2	1540.0	1534.1	0	0.0	0.0	0.0	0.0	6	25.95	0.96	26.53	24.04
10.	6	1538.4	2.1	1539.7	1534.2	6	-2.1	1.4	-0.1	-0.1	6	25.82	0.90	26.40	24.05
20.	6	1537.4	2.2	1539.6	1533.6	6	-4.0	-1.5	-12.8	-12.8	6	25.28	0.92	26.25	23.69
30.	6	1536.0	2.6	1538.2	1532.3	6	-4.4	-1.5	-10.4	-10.4	6	24.57	1.09	25.49	23.08
50.	6	1533.6	3.1	1536.4	1529.6	6	-3.7	-2.0	-6.1	-6.1	6	23.45	1.22	24.57	21.82
75.	6	1530.9	2.9	1533.9	1526.2	6	-2.8	-1.7	-4.4	-4.4	6	22.15	1.13	23.32	20.36
100.	6	1529.1	2.7	1532.4	1524.6	6	-1.6	-1.0	-3.0	-3.0	6	21.31	1.01	22.50	19.59
125.	6	1528.3	2.7	1531.3	1523.6	6	-1.0	-0.6	-1.3	-1.3	6	20.65	1.00	21.90	18.79
150.	6	1527.7	2.5	1530.0	1523.2	6	-0.9	-0.4	-1.9	-1.9	6	20.42	0.91	21.21	18.79
200.	6	1526.2	2.0	1528.3	1522.7	5	-1.6	-0.3	-3.0	-3.0	6	19.59	0.71	20.38	16.35
250.	6	1524.6	2.1	1527.4	1521.6	5	-1.2	-0.5	-2.9	-2.9	6	19.75	0.75	19.75	17.69
300.	6	1523.2	3.1	1526.4	1517.3	6	-0.7	-0.2	-2.6	-2.6	6	18.02	1.04	19.13	15.09
400.	6	1521.4	5.3	1524.9	1510.7	6	-0.3	0.2	-1.5	-1.5	6	16.94	1.64	18.03	13.64
500.	6	1519.2	6.5	1523.9	1506.4	4	-1.0	-0.2	-1.5	-1.5	6	15.75	1.94	17.18	11.95
600.	6	1515.2	7.1	1521.6	1501.8	6	-1.3	-0.8	-1.9	-1.9	6	14.04	2.04	15.95	10.26
700.	6	1509.3	7.1	1516.8	1497.1	6	-2.0	-1.4	-2.4	-2.4	6	11.95	1.97	14.35	8.60
800.	6	1502.3	6.4	1510.7	1492.9	6	-2.2	-1.2	-3.4	-3.4	6	9.59	1.71	11.85	7.10
900.	5	1495.4	5.8	1501.6	1489.2	5	-2.3	-1.1	-3.3	-3.3	5	7.37	1.48	8.97	5.76
1000.	1	1491.6	0.0	1491.6	1491.6	1	-1.3	-1.3	-1.3	-1.3	1	5.99	0.00	5.99	5.99

SUMMARY FOR ONE DEGREE SQUARE 97 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1536.7	0.6	1537.4	1536.0	0	0.0	0.0	0.0	7	25.24	0.26	25.54	24.84	0	0.00	0.00	0.00
10.	5	1536.8	0.6	1537.5	1536.2	5	0.4	0.6	0.3	7	25.23	0.26	25.50	24.83	7	-0.03	0.03	-0.12
20.	5	1537.0	0.6	1537.7	1536.3	5	0.5	0.6	0.3	7	25.22	0.25	25.47	24.93	7	-0.02	0.03	-0.09
30.	5	1537.2	0.6	1537.8	1536.5	5	0.5	0.9	0.3	7	25.21	0.25	25.44	24.82	7	-0.02	0.09	-0.09
50.	5	1537.5	0.6	1538.1	1536.7	5	0.2	0.5	0.3	7	25.20	0.25	25.40	24.80	7	-0.19	-0.02	-0.91
75.	5	1536.8	1.0	1538.1	1535.8	5	-1.8	0.5	-6.1	7	24.82	0.51	25.38	24.12	7	-0.77	-0.02	-2.90
100.	5	1533.7	2.4	1537.9	1532.3	5	-6.0	-4.1	-9.8	7	22.91	0.94	24.99	22.34	7	-2.74	-1.83	-4.45
125.	5	1529.8	1.9	1533.1	1528.4	5	-4.3	-3.0	-5.9	7	21.28	0.67	22.75	20.87	7	-1.66	-0.61	-2.73
150.	5	1527.1	1.8	1530.0	1525.4	5	-2.1	-1.0	-3.5	7	20.26	0.56	21.33	19.60	7	-0.98	-0.61	-1.52
200.	5	1523.7	3.7	1528.2	1519.2	5	-1.7	-0.5	-3.3	7	18.68	1.05	20.30	17.23	7	-0.76	-0.38	-1.24
250.	5	1521.0	5.5	1526.2	1514.5	5	-1.7	-0.4	-3.1	7	17.90	1.53	19.31	15.54	7	-0.51	-0.24	-1.14
300.	5	1519.5	6.8	1525.1	1511.8	5	-0.6	0.4	-2.0	7	17.27	1.85	18.64	14.48	7	-0.30	-0.10	-0.73
400.	5	1517.4	9.4	1525.0	1506.6	5	-0.6	-1.5	-1.5	7	16.32	2.52	18.07	12.53	7	-0.34	-0.10	-0.91
500.	5	1514.7	12.1	1525.2	1501.1	5	-1.2	-0.8	-2.1	7	15.20	3.12	17.60	10.57	7	-0.47	-0.19	-0.67
600.	5	1510.5	13.3	1522.5	1495.6	5	-1.1	-0.9	-1.5	7	13.51	3.25	16.22	9.66	7	-0.48	-0.39	-0.61
700.	5	1505.5	13.7	1519.2	1490.4	5	-1.5	-1.0	-1.9	7	11.52	3.14	14.73	6.93	7	-0.58	-0.45	-0.78
800.	5	1499.4	11.7	1514.5	1486.9	4	-2.2	-0.7	-3.9	7	9.21	2.56	12.87	5.64	7	-0.71	-0.23	-1.18
900.	5	1494.2	5.0	1508.1	1485.8	5	-1.5	-0.3	-2.6	7	7.26	1.89	10.65	4.98	7	-0.59	-0.18	-0.91
1000.	2	1485.4	1.6	1486.5	1484.3	1	-1.5	-1.5	-1.5	4	4.76	0.40	5.18	4.22	4	-0.43	-0.17	-0.61

SUMMARY FOR ONE DEGREE SQUARE 99 OF MARSDEN SQUARE 80 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	12	1533.3	1.0	1535.8	1531.0	0	0.0	0.0	0.0	15	23.77	0.41	24.89	22.80	0	0.00	0.00	0.00
10.	12	1533.3	1.2	1535.9	1530.5	12	-0.1	0.3	-1.5	15	23.70	0.45	24.87	22.57	15	-0.19	-0.03	-0.70
20.	12	1533.3	1.3	1536.1	1530.1	12	-0.2	0.6	-3.0	15	23.64	0.49	24.86	22.35	15	-0.24	-0.03	-0.67
30.	12	1533.2	1.4	1536.3	1529.8	12	-0.1	0.6	-0.9	16	23.55	0.51	24.85	22.16	16	-0.24	-0.03	-0.58
50.	12	1533.2	1.6	1536.6	1529.4	12	-0.1	0.5	-1.0	17	23.40	0.55	24.82	21.84	16	-0.23	-0.03	-0.51
75.	12	1532.9	1.8	1536.6	1528.3	12	-0.4	0.2	-2.3	20	23.16	0.57	24.54	21.27	19	-0.46	0.04	-1.34
100.	12	1532.3	2.3	1536.4	1526.3	11	-0.9	0.2	-3.0	21	22.72	0.69	24.26	20.39	21	-0.67	-0.15	-2.26
125.	12	1531.3	2.5	1533.8	1524.4	12	-1.2	0.4	-4.9	21	22.12	0.71	23.04	19.56	21	-0.73	-0.17	-2.08
150.	12	1529.3	2.7	1532.7	1523.5	12	-3.3	-1.1	-6.5	21	21.10	0.77	22.36	19.00	21	-1.68	-0.55	-2.80
200.	12	1524.0	2.3	1527.8	1519.2	12	-3.0	-1.4	-6.0	21	18.76	0.57	20.14	17.29	21	-1.18	-0.61	-2.35
250.	12	1521.5	2.6	1525.6	1515.4	12	-0.8	1.2	-1.5	21	17.68	0.62	19.04	15.84	21	-0.44	0.24	-0.67
300.	12	1518.8	4.5	1524.1	1506.3	12	-1.7	-0.6	-4.6	21	16.67	1.01	18.28	12.91	21	-0.71	-0.08	-1.47
400.	12	1512.2	7.1	1523.4	1493.8	11	-2.2	-1.1	-3.2	21	14.24	1.54	17.50	8.97	21	-0.74	-0.37	-1.11
500.	11	1508.0	5.8	1518.6	1498.8	11	-2.2	-0.8	-6.2	19	12.49	1.22	15.48	9.97	19	-0.72	-0.37	-1.80
600.	9	1501.8	6.2	1508.5	1486.3	9	-1.5	-0.1	-4.0	18	10.67	1.31	13.30	6.36	18	-0.54	-0.02	-1.42
700.	5	1497.9	2.4	1500.8	1495.5	5	-2.0	-1.8	-2.7	13	9.04	0.56	9.95	8.26	12	-0.64	-0.38	-1.09
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	8.27	0.00	8.27	8.27	1	0.24	0.24	0.24
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	9.08	0.00	9.08	9.08	1	0.25	0.25	0.25
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	9.89	0.00	9.89	9.89	1	0.25	0.25	0.25
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.71	0.00	10.71	10.71	1	0.25	0.25	0.25
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	11.52	0.00	11.52	11.52	1	0.25	0.25	0.25
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.33	0.00	12.33	12.33	1	0.25	0.25	0.25
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	13.14	0.00	13.14	13.14	1	0.25	0.25	0.25
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	13.95	0.00	13.95	13.95	1	0.25	0.25	0.25
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	15.98	0.00	15.98	15.98	1	0.25	0.25	0.25
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.00	0.00	18.00	18.00	1	0.25	0.25	0.25

SUMMARY FOR ONE DEGREE SQUARE 99 OF MARSDEN SQUARE 80 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1540.9	2.6	1544.0	1537.7	0	0.0	0.0	0.0	10	27.20	1.14	28.62	25.70	0	0.00	0.00	0.00
10.	10	1540.9	2.1	1543.4	1538.0	10	-0.7	1.0	-4.4	10	27.05	0.98	28.17	25.76	10	-0.58	0.20	-2.34
20.	10	1540.0	2.2	1543.5	1537.6	10	-0.9	1.2	-5.5	10	26.88	0.99	28.12	25.51	10	-0.66	0.21	-2.56
30.	10	1539.9	2.3	1542.6	1536.1	10	-2.1	0.6	-7.2	10	26.68	1.06	27.65	24.77	10	-1.24	-0.03	-1.54
40.	10	1538.9	2.6	1541.6	1534.0	10	-1.0	0.6	-6.1	10	25.42	1.20	27.07	23.59	10	-0.75	-0.06	-3.25
50.	10	1537.7	2.7	1541.2	1533.3	10	-1.6	-0.1	-5.4	10	25.07	1.24	26.66	23.08	10	-0.95	-0.23	-2.65
60.	10	1535.7	3.3	1539.8	1531.5	10	-2.6	-0.3	-9.7	10	24.05	1.40	25.79	22.25	10	-1.40	-0.52	-4.00
70.	10	1533.3	4.0	1537.6	1525.2	9	-2.4	-1.1	-4.1	10	22.86	1.56	24.58	19.91	10	-1.46	-0.73	-3.20
80.	10	1532.7	4.4	1535.6	1520.6	10	-2.9	-1.3	-6.7	10	21.67	1.58	23.68	19.15	10	-1.66	-0.73	-2.85
90.	9	1528.0	2.5	1532.6	1523.9	8	-1.9	-0.3	-3.3	9	20.26	0.88	21.34	16.87	9	-1.02	-0.34	-1.52
100.	9	1524.8	1.8	1527.7	1518.3	9	-1.9	-0.5	-3.4	9	18.73	0.93	19.79	15.70	9	-0.85	-0.17	-1.32
110.	9	1522.0	3.6	1524.9	1513.4	9	-1.4	-0.2	-2.7	9	17.63	1.14	18.58	15.05	9	-0.64	-0.26	-1.01
120.	9	1516.3	6.0	1523.0	1502.0	9	-1.7	-0.4	-3.0	9	15.59	1.77	17.43	11.25	9	-0.70	-0.30	-1.07
130.	9	1504.6	8.2	1520.0	1491.5	8	-2.3	-1.2	-4.4	9	12.97	2.26	15.97	8.08	8	-0.82	-0.50	-1.35
140.	6	1503.0	5.1	1508.7	1500.2	6	-2.1	-1.5	-2.4	6	11.70	0.88	12.22	9.93	6	-0.72	-0.56	-0.89
150.	4	1500.0	3.2	1501.5	1496.7	4	-2.5	-1.6	-4.9	4	9.40	0.60	9.43	8.52	4	-0.78	-0.55	-1.37

SUMMARY FOR ONE DEGREE SQUARE 99 OF MARSDEN SQUARE 80 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1541.2	1.4	1542.8	1539.4	0	0.0	0.0	0.0	7	27.26	0.70	28.08	26.42	0	0.00	0.00	0.00
10.	7	1541.3	1.4	1542.9	1539.5	7	0.3	0.7	0.3	7	27.25	0.69	28.08	26.44	7	0.01	0.07	-0.01
20.	7	1541.5	1.4	1543.1	1539.7	7	0.7	3.0	0.3	7	27.27	0.70	28.10	26.46	7	0.08	0.30	0.03
30.	7	1541.6	1.6	1543.4	1539.5	7	0.4	0.9	-0.6	7	27.25	0.76	28.13	26.21	7	-0.03	0.15	-0.76
50.	7	1541.8	1.6	1543.7	1539.1	7	-0.6	1.5	-5.5	7	27.13	0.79	28.05	25.84	7	-0.70	-0.20	-2.90
75.	7	1540.7	1.9	1544.0	1538.2	7	-2.0	0.4	-7.6	7	26.42	0.94	28.00	25.29	7	-1.18	-0.35	-3.51
100.	7	1538.7	3.6	1543.6	1533.1	7	-4.7	0.4	-6.7	7	25.31	1.61	27.61	22.91	7	-2.40	-0.13	-3.16
125.	7	1534.1	4.1	1539.8	1527.9	7	-5.5	-4.5	-8.5	7	23.13	1.65	25.56	20.73	7	-2.63	-2.09	-3.69
150.	7	1530.2	4.3	1536.3	1523.8	7	-4.6	-3.6	-6.3	7	21.40	1.64	23.83	19.07	7	-1.98	-1.71	-2.65
200.	7	1525.0	3.9	1530.5	1517.7	7	-2.2	-1.2	-3.3	7	19.22	1.34	21.18	16.78	7	-0.95	-0.61	-1.36
250.	7	1521.9	4.3	1526.0	1513.2	7	-1.9	-0.2	-3.2	7	17.88	1.35	19.27	15.17	7	-0.80	-0.25	-1.26
300.	7	1518.9	5.3	1523.6	1509.3	7	-1.7	-0.4	-3.4	7	16.66	1.60	18.08	13.80	7	-0.68	-0.29	-1.11
400.	7	1512.9	8.2	1521.5	1502.2	7	-1.9	-0.6	-4.6	7	14.39	2.37	16.97	11.37	7	-0.69	-0.37	-1.39
500.	5	1505.6	9.2	1513.9	1491.4	5	-2.5	-1.9	-3.7	5	11.86	2.49	14.13	8.05	5	-0.83	-0.64	-1.11
600.	4	1503.3	8.0	1513.0	1496.6	4	-1.7	-0.3	-2.5	4	10.76	2.14	13.37	8.99	4	-0.57	-0.23	-0.71
700.	1	1503.2	0.0	1503.2	1503.2	1	-3.0	-3.0	-3.0	1	10.24	0.00	10.24	10.24	1	-0.95	-0.75	-0.95

SUMMARY FOR ONE DEGREE SQUARE 3 OF MARSDEN SQUARE 113 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	60	1521.4	0.0	1522.4	1520.6	0	0.0	0.0	0.0	61	19.07	0.17	19.45	18.77	0	0.00	0.00	0.00		
10.	60	1521.3	0.0	1522.1	1520.6	60	-0.4	0.3	-0.9	61	18.96	0.15	19.28	18.72	61	-0.33	-0.09	-0.52		
20.	60	1521.2	0.0	1522.0	1520.5	60	-0.4	0.3	-0.9	61	18.86	0.14	19.12	18.62	61	-0.32	-0.12	-0.49		
30.	60	1521.0	0.0	1521.7	1520.4	60	-0.4	0.3	-2.4	61	18.76	0.12	18.99	18.53	61	-0.32	-0.12	-1.04		
50.	60	1520.8	0.0	1521.4	1520.1	60	-0.4	0.2	-1.8	61	18.56	0.11	18.79	18.35	61	-0.30	-0.15	-0.73		
75.	60	1520.6	0.2	1521.3	1519.9	60	-0.3	-0.1	-0.5	61	18.35	0.11	18.61	18.14	61	-0.26	-0.17	-0.37		
100.	61	1520.4	0.2	1521.2	1519.8	60	-0.2	0.1	-0.5	61	18.16	0.10	18.41	17.95	61	-0.23	-0.13	-0.30		
125.	61	1520.3	0.0	1520.8	1519.6	61	-0.1	0.4	-0.5	61	18.00	0.08	18.17	17.78	61	-0.19	-0.04	-0.33		
150.	61	1520.3	0.0	1521.0	1519.6	61	-0.0	0.2	-0.4	61	17.86	0.08	18.07	17.65	61	-0.17	-0.06	-0.26		
200.	61	1520.4	0.0	1520.6	1520.1	61	0.1	0.3	-0.2	61	17.63	0.03	17.70	17.53	61	-0.14	-0.07	-0.24		
250.	61	1520.5	0.0	1521.1	1520.1	61	0.1	0.4	-0.2	61	17.41	0.07	17.62	17.25	61	-0.13	-0.04	-0.23		
300.	61	1520.3	0.2	1521.1	1519.7	61	-0.1	2.4	-0.3	61	17.07	0.10	17.33	16.86	61	-0.19	0.73	-0.25		
400.	61	1518.6	0.0	1519.6	1517.9	59	-0.5	-0.2	-0.7	61	16.04	0.10	16.33	15.81	61	-0.32	-0.27	-0.41		
500.	60	1515.3	0.3	1516.1	1514.3	59	-1.3	-0.6	-3.0	60	14.55	0.12	14.78	14.25	60	-0.53	-0.23	-0.61		
600.	60	1511.1	0.0	1512.3	1510.4	60	-1.3	-0.9	-1.6	60	12.85	0.11	13.20	12.65	60	-0.52	-0.43	-0.60		
700.	57	1506.8	0.0	1507.9	1506.1	55	-1.3	-1.2	-1.5	57	11.20	0.11	11.49	11.01	57	-0.50	-0.45	-0.58		
800.	2	1503.2	0.7	1503.7	1502.7	2	-1.2	-1.2	-1.2	2	9.78	0.20	9.92	9.64	2	-0.43	-0.40	-0.46		
900.	1	1500.2	0.0	1500.2	1500.2	1	-0.6	-0.6	-0.6	1	8.55	0.00	8.55	8.55	1	-0.24	-0.24	-0.24		
1000.	1	1498.6	0.0	1498.6	1498.6	1	-0.9	-0.9	-0.9	1	7.68	0.00	7.68	7.68	1	-0.37	-0.37	-0.37		
1100.	1	1496.0	0.0	1496.0	1496.0	1	-0.8	-0.8	-0.8	1	6.63	0.00	6.63	6.63	1	-0.32	-0.32	-0.32		
1200.	1	1494.9	0.0	1494.9	1494.9	1	0.0	0.0	0.0	1	5.95	0.00	5.95	5.95	1	-0.08	-0.08	-0.08		
1300.	1	1495.4	0.0	1495.4	1495.4	1	0.2	0.2	0.2	1	5.64	0.00	5.64	5.64	1	-0.09	-0.09	-0.09		
1400.	1	1495.7	0.0	1495.7	1495.7	1	0.0	0.0	0.0	1	5.32	0.00	5.32	5.32	1	-0.11	-0.11	-0.11		
1500.	1	1496.0	0.0	1496.0	1496.0	1	0.1	0.1	0.1	1	4.98	0.00	4.98	4.98	1	-0.10	-0.10	-0.10		
1750.	1	1497.1	0.0	1497.1	1497.1	1	0.1	0.1	0.1	1	4.23	0.00	4.23	4.23	1	-0.09	-0.09	-0.09		
2000.	1	1499.3	0.0	1499.3	1499.3	1	0.2	0.2	0.2	1	3.78	0.00	3.78	3.78	1	-0.06	-0.06	-0.06		

SUMMARY FOR ONE DEGREE SQUARE 58 OF MARSDEN SQUARE 113 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	49	1519.6	0.4	1521.0	1518.6	0	0.0	0.0	0.0	50	18.47	0.17	18.96	18.14	0	0.00	0.00	0.00
10.	49	1519.7	0.4	1521.0	1518.7	49	0.4	1.5	-0.3	50	18.47	0.15	18.89	18.15	50	-0.03	0.09	-0.27
20.	49	1519.9	0.4	1521.2	1518.9	49	0.4	1.3	0.3	50	18.46	0.15	18.90	18.14	50	-0.03	0.17	-0.15
30.	49	1520.0	0.4	1521.5	1519.0	49	0.4	1.5	0.3	50	18.45	0.15	18.96	18.14	50	-0.03	0.18	-0.15
50.	49	1520.3	0.4	1521.8	1519.3	49	0.4	1.0	0.2	50	18.43	0.15	18.97	18.14	50	-0.03	0.03	-0.15
75.	49	1520.6	0.3	1522.2	1519.7	49	0.4	1.0	0.1	50	18.40	0.15	18.95	18.11	50	-0.04	0.02	-0.23
100.	49	1520.9	0.3	1522.1	1519.8	49	0.4	1.5	-0.1	50	18.38	0.15	18.79	18.01	50	-0.03	0.02	-0.23
125.	49	1521.3	0.3	1522.0	1520.1	49	0.4	0.6	-0.3	50	18.35	0.15	18.61	17.95	50	-0.04	0.01	-0.30
150.	49	1521.6	0.3	1522.4	1520.3	49	0.3	0.6	-0.2	50	18.31	0.16	18.60	17.90	50	-0.05	-0.01	-0.30
200.	49	1522.1	0.4	1523.2	1520.8	47	0.3	0.6	-0.3	50	18.22	0.19	18.59	17.78	50	-0.07	0.05	-0.30
250.	50	1522.5	0.5	1523.6	1520.4	49	0.2	0.6	-0.7	50	18.05	0.23	18.45	17.36	50	-0.12	0.02	-0.40
300.	50	1522.5	0.8	1524.1	1519.3	48	0.0	1.0	-1.5	50	17.79	0.28	18.35	16.78	50	-0.16	0.01	-0.58
400.	50	1521.6	1.7	1523.9	1517.0	47	-0.5	1.0	-2.4	50	16.96	0.53	17.71	15.55	49	-0.21	5.49	-0.88
500.	50	1517.7	2.6	1524.1	1512.2	49	-1.5	0.3	-3.6	50	15.28	0.77	17.28	13.65	50	-0.61	-0.03	-1.23
600.	47	1511.9	2.9	1518.8	1504.0	46	-1.9	-0.1	-3.3	48	13.15	0.86	15.11	10.90	48	-0.71	-0.16	-1.05
700.	41	1504.5	3.1	1512.0	1498.2	38	-2.4	-0.7	-3.7	42	10.66	0.87	12.67	8.93	42	-0.77	-0.31	-1.14
800.	39	1497.7	1.9	1502.6	1494.0	38	-1.8	-0.8	-3.0	41	8.41	0.55	10.00	7.43	41	-0.65	-0.30	-2.03
900.	30	1493.3	1.2	1495.8	1491.4	29	-1.1	-0.5	-1.9	33	6.82	0.41	7.39	5.52	33	-0.41	-0.23	-0.62
1000.	27	1491.2	0.9	1492.8	1489.0	26	-0.6	-0.2	-1.3	27	5.87	0.22	6.27	5.34	27	-0.23	-0.12	-0.44
1100.	18	1490.6	0.7	1492.0	1488.8	17	-0.1	0.2	-0.4	18	5.31	0.18	5.65	4.89	18	-0.14	-0.10	-0.22
1200.	12	1490.4	0.5	1491.1	1489.2	11	-0.0	0.1	-0.5	12	4.87	0.12	5.04	4.58	12	-0.13	-0.09	-0.24
1300.	11	1490.6	0.4	1491.3	1489.8	10	0.1	0.2	0.1	11	4.53	0.10	4.70	4.33	11	-0.09	-0.08	-0.13
1400.	7	1491.3	0.4	1492.0	1490.6	7	0.2	0.2	0.2	7	4.30	0.11	4.45	4.14	7	-0.07	-0.04	-0.08
1500.	6	1492.3	0.3	1492.8	1491.8	6	0.3	0.4	0.2	6	4.14	0.08	4.25	4.01	6	-0.05	-0.03	-0.07
1750.	6	1495.3	0.2	1495.6	1495.0	5	0.4	0.5	0.3	6	3.85	0.05	3.92	3.78	6	-0.03	-0.02	-0.04
2000.	6	1498.6	0.1	1498.8	1498.3	6	0.4	0.4	0.4	7	3.64	0.02	3.67	3.59	7	-0.02	-0.02	-0.03
2500.	3	1505.5	0.4	1505.8	1505.1	3	0.4	0.4	0.4	3	3.28	0.04	3.31	3.24	3	-0.03	-0.02	-0.03
3000.	3	1512.4	0.4	1512.6	1511.9	2	0.4	0.4	0.4	3	2.86	0.04	2.89	2.82	3	-0.02	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 99 OF MARSDEN SQUARE 113 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1520.4	7.5	1528.4	1508.5	0	0.0	0.0	0.0	5	19.34	2.28	21.84	15.88	0	0.00	0.00	0.00
10.	5	1517.6	7.6	1525.9	1505.6	5	-9.0	-1.2	-15.8	5	18.24	2.31	20.88	14.80	5	-3.41	-1.16	-5.76
20.	5	1515.0	8.0	1523.3	1502.4	5	-7.9	-1.8	-12.8	5	17.30	2.44	19.94	13.68	5	-2.88	-1.16	-4.48
30.	5	1512.2	7.9	1521.0	1499.3	5	-8.9	0.6	-23.9	5	16.30	2.31	19.04	12.66	5	-3.19	-0.12	-3.14
50.	5	1507.0	8.9	1516.3	1493.9	5	-6.3	-7.2	-9.1	5	14.55	2.50	17.29	10.91	5	-2.15	-0.30	-2.90
75.	5	1502.6	10.2	1512.6	1483.4	5	-1.8	6.1	-8.0	5	13.14	2.81	15.86	9.27	5	-0.74	1.22	-2.51
100.	5	1501.7	12.4	1512.6	1485.4	4	-0.3	2.0	-3.0	5	12.75	3.40	15.79	8.33	5	-0.29	0.30	-0.76
125.	5	1501.4	11.7	1511.1	1487.0	5	-0.3	2.0	-2.0	5	12.52	3.19	15.16	8.57	5	-0.29	0.29	-0.77
150.	5	1500.6	10.7	1510.1	1488.5	5	-0.8	1.8	-3.0	5	12.15	2.93	14.76	8.81	5	-0.33	0.29	-0.91
200.	5	1499.5	9.8	1509.2	1488.2	5	-1.5	-0.4	-6.6	5	11.60	3.67	14.26	8.58	5	-0.57	-0.10	-1.93
250.	5	1497.2	12.5	1508.8	1480.3	5	-1.4	-0.2	-5.7	5	10.79	3.30	13.90	6.37	5	-0.49	-0.20	-1.52
300.	5	1495.3	13.2	1507.3	1476.5	5	-1.0	1.7	-2.7	5	10.05	3.41	13.22	5.24	5	-0.46	0.20	-0.86
400.	5	1491.3	9.7	1501.3	1478.5	5	-1.5	-0.8	-2.3	5	8.51	2.48	11.08	5.27	5	-0.53	-0.33	-0.77
500.	5	1487.6	7.1	1494.6	1478.1	5	-0.9	1.0	-2.0	5	7.10	1.77	8.88	4.76	5	-0.38	0.10	-0.67
600.	5	1485.3	4.5	1490.1	1479.9	5	-0.6	-0.2	-1.3	5	6.09	1.11	7.29	4.77	5	-0.29	-0.14	-0.46
700.	5	1484.1	3.0	1487.3	1480.6	5	-0.3	0.5	-0.9	5	5.39	0.74	6.18	4.54	5	-0.19	-0.12	-0.34
800.	5	1483.8	1.8	1485.8	1482.0	5	-0.0	0.3	-0.4	5	4.92	0.44	5.39	4.46	5	-0.13	-0.05	-0.22
900.	5	1484.3	1.1	1485.4	1482.9	5	0.1	0.3	-0.2	5	4.62	0.27	4.91	4.29	5	-0.09	-0.05	-0.17
1000.	5	1485.2	0.9	1486.3	1484.0	5	0.3	0.5	0.2	5	4.44	0.23	4.72	4.16	5	-0.04	-0.00	-0.07
1100.	5	1486.3	0.9	1487.6	1485.3	5	0.5	1.0	0.2	5	4.30	0.22	4.62	4.06	5	-0.03	-0.03	-0.07
1200.	5	1487.3	0.7	1488.3	1486.6	5	0.3	0.4	0.3	5	4.14	0.18	4.38	3.96	5	-0.06	-0.02	-0.12
1300.	5	1488.3	0.5	1488.7	1487.7	5	0.3	0.4	0.1	5	3.99	0.12	4.09	3.84	5	-0.05	-0.03	-0.09
1400.	5	1489.5	0.5	1490.0	1488.9	5	0.4	0.5	0.4	5	3.87	0.12	3.99	3.73	5	-0.03	-0.02	-0.04
1500.	5	1490.8	0.5	1491.4	1490.1	5	0.4	0.4	0.4	5	3.78	0.13	3.93	3.63	5	-0.03	-0.02	-0.03
1750.	4	1494.3	0.5	1495.0	1493.9	3	0.5	0.5	0.4	4	3.61	0.13	3.79	3.51	4	-0.02	-0.01	-0.02
2000.	3	1498.1	0.6	1498.7	1497.6	3	0.5	0.5	0.5	3	3.51	0.13	3.65	3.39	3	-0.01	-0.01	-0.02
2500.	2	1505.7	0.2	1505.8	1505.5	2	0.4	0.5	0.4	2	3.29	0.04	3.32	3.26	2	-0.02	-0.01	-0.02
3000.	1	1513.1	0.0	1513.1	1513.1	1	0.4	0.4	0.4	1	3.00	0.00	3.00	3.00	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 80 OF MARSDEN SQUARE 114 FOR MONTHS 4-6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG
0.	6	1521.7	4.1	1526.9	1517.3	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0	0.00
10.	6	1521.2	3.9	1526.5	1517.4	-4.1	6	-1.5	0.3	-4.1	6	-0.73	-0.27	-1.83	6	-0.73
20.	6	1520.8	3.6	1526.2	1517.6	-3.7	6	-1.2	0.6	-3.7	6	-0.64	-0.58	-1.65	6	-0.64
30.	6	1520.5	3.1	1525.4	1517.8	-3.4	6	-0.8	0.8	-3.4	6	-0.53	-0.08	-1.43	6	-0.53
50.	6	1520.1	2.2	1523.6	1518.1	-3.0	6	-0.6	0.5	-3.0	6	-0.31	0.02	-1.22	6	-0.31
75.	6	1520.0	1.4	1522.2	1518.5	-3.0	6	-0.4	1.5	-3.0	6	-0.15	-0.09	-0.52	6	-0.15
100.	6	1520.0	1.1	1521.9	1518.9	-3.0	6	-0.4	0.4	-3.0	6	-0.15	-0.03	-0.30	6	-0.15
125.	6	1520.2	0.9	1521.7	1519.3	-0.2	6	0.1	0.4	-0.2	6	-0.12	-0.09	-0.24	6	-0.12
150.	6	1520.4	0.8	1521.6	1519.7	0.2	6	0.3	0.6	0.2	6	-0.06	0.01	-0.15	6	-0.06
200.	6	1520.8	0.7	1521.8	1520.2	0.3	6	0.4	0.5	0.3	6	-0.05	-0.03	-0.15	6	-0.05
250.	6	1521.4	0.6	1522.5	1520.9	0.5	6	0.3	0.5	0.1	6	-0.06	-0.01	-0.15	6	-0.06
300.	6	1521.9	0.6	1523.1	1521.6	-0.7	6	0.2	0.5	-0.7	6	-0.07	-0.01	-0.30	6	-0.07
400.	6	1522.0	1.6	1523.3	1519.1	-1.2	6	-0.2	0.5	-1.2	6	-0.25	-0.01	-0.51	6	-0.25
500.	6	1519.7	2.7	1522.1	1514.8	-1.3	6	-0.7	-0.3	-1.3	6	-0.38	-0.24	-0.55	6	-0.38
600.	6	1516.2	4.1	1519.5	1508.3	-2.6	6	-1.3	-0.5	-2.6	6	-0.53	-0.30	-0.84	6	-0.53
700.	6	1511.2	5.5	1515.4	1500.5	-2.4	6	-1.6	-0.7	-2.4	6	-0.62	-0.34	-0.84	6	-0.62
800.	6	1504.9	5.5	1509.7	1494.5	-2.7	6	-2.2	-1.6	-2.7	6	-0.73	-0.34	-0.89	6	-0.73
900.	6	1498.8	4.6	1503.9	1490.4	-2.4	6	-1.9	-1.2	-2.4	6	-0.62	-0.44	-0.77	6	-0.62
1000.	6	1494.4	3.4	1499.2	1489.0	-1.1	6	-1.2	-1.1	-1.8	6	-0.43	-0.12	-0.58	6	-0.43
1100.	6	1491.9	2.5	1495.8	1489.0	-1.1	6	-0.7	0.1	-1.1	6	-0.31	-0.10	-0.59	6	-0.31
1200.	6	1491.1	2.2	1494.0	1487.6	-0.2	6	0.1	0.5	-0.2	6	-0.11	-0.02	-0.18	6	-0.11
1300.	6	1491.5	1.7	1494.0	1488.9	0.4	6	0.1	0.4	0.0	6	-0.09	-0.03	-0.16	6	-0.09
1400.	6	1492.2	1.2	1494.1	1490.3	0.1	6	0.1	0.4	0.1	6	-0.10	-0.04	-0.16	6	-0.10
1500.	6	1493.0	0.9	1494.4	1491.7	0.5	6	0.3	0.5	0.1	6	-0.05	-0.01	-0.10	6	-0.05
1750.	6	1496.1	0.4	1496.6	1495.4	0.3	6	0.4	0.5	0.3	6	-0.03	-0.01	-0.05	6	-0.03
2000.	5	1499.3	0.0	1499.4	1499.1	0.4	5	0.4	0.4	0.4	5	-0.03	-0.02	-0.04	5	-0.03
2500.	4	1506.4	0.2	1506.5	1506.2	0.4	4	0.4	0.4	0.4	4	-0.02	-0.02	-0.03	4	-0.02
3000.	3	1513.5	0.2	1513.6	1513.3	0.4	3	0.4	0.4	0.4	4	-0.02	-0.02	-0.03	4	-0.02

SUMMARY FOR ONE DEGREE SQUARE 88 OF MARSDEN SQUARE 114 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	7	1526.1	5.9	1531.7	1518.0	0	0.0	0.0	0.0	7	20.93	2.23	23.08	17.98	0	0.00	0.00	0.00		
10.	7	1525.7	5.7	1531.8	1518.1	7	-1.5	0.6	-10.5	7	20.71	2.14	23.08	17.98	7	-0.75	-0.07	-4.10		
20.	7	1525.2	5.7	1532.0	1518.3	7	-1.4	0.6	-9.4	7	20.47	2.13	23.09	17.98	7	-0.74	0.03	-3.66		
30.	7	1524.6	5.7	1531.8	1518.4	7	-2.4	0.6	-8.5	7	20.18	2.11	22.91	17.98	7	-1.08	-0.24	-3.17		
40.	7	1523.3	5.8	1530.5	1514.9	7	-2.1	0.6	-6.9	7	19.57	2.07	22.22	16.75	7	-1.01	-0.49	-2.47		
50.	7	1522.4	5.4	1529.6	1513.3	7	-1.1	0.5	-3.3	7	19.07	1.86	21.68	16.12	7	-0.60	-0.36	-1.55		
75.	7	1521.5	5.2	1528.2	1511.6	7	-1.1	0.4	-3.0	7	18.60	1.73	20.96	15.43	7	-0.57	-0.02	-1.29		
100.	7	1520.9	5.7	1526.6	1509.1	7	-0.7	0.4	-3.0	7	18.26	1.81	20.19	14.57	7	-0.40	-0.07	-1.03		
125.	7	1520.5	6.2	1525.5	1507.2	7	-0.5	0.2	-2.3	7	17.99	1.92	19.66	13.99	7	-0.31	-0.07	-0.85		
150.	7	1519.5	6.4	1523.5	1505.3	7	-0.3	1.5	-5.2	7	17.40	1.96	18.66	13.11	7	-0.32	-0.10	-1.43		
200.	7	1518.8	7.3	1524.0	1504.5	7	-0.4	0.5	-4.0	7	16.94	2.22	18.56	12.65	7	-0.29	-0.01	-1.37		
250.	7	1518.7	8.2	1524.4	1502.7	7	-0.0	1.0	-1.8	7	16.64	2.46	18.40	11.92	7	-0.20	-0.03	-0.61		
300.	7	1517.6	11.1	1524.9	1496.2	7	-0.5	0.6	-3.0	7	15.84	3.21	18.02	9.73	7	-0.28	-0.01	-0.71		
400.	7	1515.6	14.0	1524.9	1488.7	7	-0.8	0.5	-2.4	7	14.81	3.92	17.46	7.36	7	-0.36	-0.01	-0.79		
500.	7	1511.9	15.4	1524.5	1484.8	7	-1.6	-0.1	-3.6	7	13.27	4.20	16.84	5.98	7	-0.60	-0.19	-1.12		
600.	7	1506.3	14.3	1518.5	1482.7	6	-1.6	-1.2	-2.9	7	11.21	3.78	14.52	4.05	6	-0.62	-0.18	-0.97		
700.	7	1501.1	11.6	1512.1	1482.9	6	-1.5	0.6	-3.0	7	9.23	2.98	12.22	2.70	7	-0.56	-0.21	-0.87		
800.	7	1496.1	7.6	1503.3	1484.5	7	-1.4	0.3	-3.0	7	7.57	1.91	9.38	4.66	7	-0.51	-0.09	-0.93		
900.	7	1492.7	4.7	1496.9	1485.3	6	-0.5	0.4	-1.9	7	6.28	1.17	7.31	4.45	6	-0.29	-0.04	-0.62		
1000.	7	1491.4	3.3	1495.7	1486.3	7	-0.4	0.3	-0.9	7	5.52	0.82	6.59	4.30	7	-0.23	-0.05	-0.34		
1100.	7	1490.9	2.4	1494.7	1487.4	7	0.0	0.4	-0.5	7	5.00	0.60	5.74	4.16	7	-0.10	-0.04	-0.24		
1200.	7	1491.3	1.9	1494.1	1488.6	6	0.2	0.4	-0.1	7	4.45	0.35	4.89	3.93	6	-0.08	-0.04	-0.14		
1300.	7	1492.0	1.5	1493.8	1489.8	7	0.2	0.5	-0.1	7	4.24	0.26	4.53	3.84	7	-0.07	-0.03	-0.12		
1400.	7	1492.8	1.1	1494.0	1491.1	7	0.2	0.4	0.2	7	3.90	0.13	4.03	3.70	7	-0.06	-0.03	-0.06		
1500.	7	1495.5	0.6	1496.1	1494.7	7	0.4	0.5	0.3	7	3.72	0.09	3.83	3.56	7	-0.03	-0.01	-0.03		
1750.	7	1499.0	0.3	1499.5	1498.4	6	0.4	0.5	0.4	7	3.40	0.12	3.51	3.24	7	-0.02	-0.01	-0.02		
2000.	5	1506.2	0.5	1506.7	1505.5	5	0.4	0.5	0.4	5	3.00	0.14	3.18	2.84	5	-0.02	-0.01	-0.02		
2500.	5	1513.1	0.6	1513.9	1512.4	5	0.5	0.6	0.4	5	3.00	0.16	3.18	2.84	5	-0.02	-0.01	-0.02		
3000.	5	1528.0	0.2	1528.3	1527.7	4	0.5	0.5	0.5	5	2.39	0.06	2.48	2.32	5	-0.01	-0.01	-0.01		
4000.	5	1545.3	0.0	1545.4	1545.1	3	0.6	0.6	0.6	5	2.30	0.02	2.32	2.26	5	-0.00	0.00	-0.00		

SUMMARY FOR ONE DEGREE SQUARE 88 OF MARSDEN SQUARE 114 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NU	AVG	S	D	MAX	MIN	NO	AVG	MAX	J.C	MIN	NO	AVG	MAX	MIN	NO
0.	5	1538.1	1.8	1540.0	1535.4	0.0	0	0.0	0.3	0.0	0.0	0	0.00	0.00	0.00	0
10.	5	1537.7	1.6	1539.4	1535.5	-1.0	5	-1.0	0.3	-2.4	-2.4	6	-0.66	-0.03	-1.58	6
20.	5	1537.2	1.3	1538.8	1535.6	-1.2	5	-2.0	-1.2	-3.7	-3.7	6	-0.87	0.01	-1.77	6
30.	5	1536.3	0.5	1537.2	1535.8	-1.8	5	-3.7	-1.8	-7.9	-7.9	6	-1.60	-0.37	-3.57	6
50.	5	1532.8	3.0	1534.6	1527.4	-5.5	5	-5.5	-2.7	-9.1	-9.1	6	-2.07	-0.38	-3.05	6
75.	6	1529.5	3.6	1534.4	1523.1	-6.1	6	-6.1	-5.2	-8.8	-8.8	6	-2.55	-1.38	-3.89	6
100.	6	1526.0	2.0	1527.7	1522.1	-3.3	6	-3.3	-1.0	-8.2	-8.2	6	-1.27	-0.61	-3.35	6
125.	6	1523.9	1.6	1525.4	1521.5	-2.4	6	-2.4	-0.3	-6.7	-6.7	6	-1.04	-0.24	-2.57	6
150.	6	1522.7	2.0	1524.3	1519.3	-1.2	6	-1.2	-0.2	-2.9	-2.9	6	-0.61	-0.24	-1.17	6
200.	6	1521.5	2.7	1523.3	1516.2	-0.1	6	-0.1	-0.1	-0.1	-0.1	6	-0.17	-0.10	-0.30	6
250.	6	1521.6	3.0	1523.5	1515.5	0.1	5	0.1	0.3	-0.4	-0.4	6	-0.14	-0.06	-0.32	6
300.	6	1521.8	3.2	1523.7	1515.4	0.3	6	0.3	0.6	0.2	0.2	6	-0.07	-0.06	-0.15	6
400.	6	1522.0	4.6	1524.5	1512.6	-0.1	6	-0.1	0.4	-1.1	-1.1	6	-0.18	-0.03	-0.48	6
500.	6	1520.8	6.5	1525.1	1508.0	-0.4	6	-0.4	0.2	-1.6	-1.6	6	-0.28	-0.10	-0.61	6
600.	6	1518.2	8.3	1524.1	1502.6	-0.8	6	-0.8	-0.4	-1.6	-1.6	6	-0.38	-0.18	-0.67	6
700.	6	1514.2	9.9	1521.3	1497.3	-1.3	6	-1.3	-0.6	-2.5	-2.5	6	-0.50	-0.33	-0.84	6
800.	6	1508.7	9.9	1515.6	1492.7	-2.1	6	-2.1	-1.3	-3.0	-3.0	6	-0.75	-0.48	-1.01	6
900.	6	1501.8	7.9	1507.9	1489.3	-2.0	6	-2.0	-1.0	-2.8	-2.8	6	-0.67	-0.38	-0.91	6
1000.	6	1497.5	6.1	1502.6	1488.4	-1.1	6	-1.1	-0.2	-2.0	-2.0	6	-0.42	-0.16	-0.64	6
1100.	6	1494.7	4.6	1499.1	1488.4	-0.8	6	-0.8	0.3	-1.3	-1.3	6	-0.34	-0.10	-0.46	6
1200.	6	1492.8	3.2	1496.3	1488.8	-0.5	6	-0.5	0.2	-1.0	-1.0	6	-0.25	-0.07	-0.37	6
1300.	4	1492.6	1.7	1494.1	1490.2	0.0	4	0.0	0.2	-0.7	-0.7	4	-0.23	-0.06	-0.23	4
1400.	4	1492.0	0.7	1492.6	1491.1	0.0	4	0.0	0.3	-0.5	-0.5	4	-0.11	-0.06	-0.23	4
1500.	4	1492.7	0.5	1493.0	1492.0	0.3	4	0.3	0.3	0.2	0.2	4	-0.06	-0.05	-0.07	4
1750.	4	1495.4	0.1	1495.5	1495.3	0.4	4	0.4	0.6	0.3	0.3	4	-0.03	-0.03	-0.05	4
2000.	4	1498.7	0.1	1498.8	1498.7	0.4	4	0.4	0.4	0.4	0.4	4	-0.02	-0.02	-0.02	4
2500.	4	1506.0	0.0	1506.1	1506.0	0.4	4	0.4	0.5	0.4	0.4	4	-0.02	-0.01	-0.02	4
3000.	1	1513.1	0.0	1513.1	1513.1	0.4	1	0.4	0.4	0.4	0.4	1	-0.02	-0.02	-0.02	1
4000.	1	1527.9	0.0	1527.9	1527.9	0.5	1	0.5	0.5	0.5	0.5	1	-0.02	-0.02	-0.02	1

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 114 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1524.0	4.4	1527.6	1516.4	0.0	0	0.0	1.61	21.50	17.41	0	0.00	0.00	0.00	0.00
10.	5	1524.1	4.4	1527.7	1516.6	0.4	5	0.4	1.60	21.47	17.41	5	-0.04	-0.06	-0.15	-0.15
20.	5	1524.1	4.3	1527.6	1516.8	-0.1	5	-0.1	1.56	21.37	17.42	5	-0.21	0.03	-0.37	-0.37
30.	5	1523.7	4.1	1527.3	1516.9	0.6	4	0.6	1.47	21.21	17.41	4	-0.95	-0.06	-1.89	-1.89
50.	5	1522.6	3.6	1526.1	1517.1	-2.3	5	-2.3	1.28	20.60	17.36	5	-0.94	-1.08	-1.60	-1.60
75.	5	1521.3	2.7	1523.4	1517.2	-1.4	5	-1.4	0.93	19.43	17.27	5	-0.75	-0.51	-1.43	-1.43
100.	5	1520.3	2.3	1522.2	1516.9	-1.1	5	-1.1	0.76	18.78	17.05	5	-0.58	-0.21	-0.91	-0.91
125.	5	1519.7	2.0	1521.7	1515.0	-0.7	5	-0.7	0.89	18.52	16.35	5	-0.39	0.03	-0.85	-0.85
150.	5	1519.3	3.3	1521.6	1513.5	0.3	5	0.3	1.04	18.33	15.75	5	-0.29	0.02	-0.61	-0.61
200.	5	1518.7	4.4	1521.3	1510.9	0.2	5	0.2	1.34	17.36	14.75	5	-0.31	-0.12	-0.91	-0.91
250.	5	1517.9	5.9	1521.1	1507.3	0.1	5	0.1	1.78	17.61	13.46	5	-0.30	-0.13	-0.79	-0.79
300.	5	1517.2	6.9	1521.2	1504.9	-0.1	5	-0.1	2.03	17.35	12.57	5	-0.18	-0.15	-0.35	-0.35
400.	5	1515.4	7.5	1521.2	1502.9	-1.1	5	-1.1	2.20	16.82	11.51	5	-0.48	-0.18	-0.80	-0.80
500.	5	1511.1	9.3	1518.0	1495.6	-1.5	4	-1.5	2.52	15.48	9.13	5	-0.57	-0.44	-0.73	-0.73
600.	5	1506.0	9.6	1513.4	1490.3	-1.4	4	-1.4	2.58	13.53	7.34	5	-0.56	-0.42	-0.72	-0.72
700.	5	1500.6	8.6	1509.1	1487.2	-0.9	4	-0.9	2.22	11.61	6.15	5	-0.61	-0.36	-0.78	-0.78
800.	5	1496.1	7.5	1503.9	1485.6	0.1	5	0.1	1.92	10.06	5.35	5	-0.45	-0.09	-0.83	-0.83
900.	5	1490.8	3.6	1494.8	1485.6	-0.3	5	-0.3	0.88	7.22	4.94	5	-0.63	-0.12	-1.68	-1.68
1000.	5	1489.2	2.2	1492.1	1486.1	0.3	5	0.3	0.53	6.12	4.65	5	-0.20	-0.06	-0.29	-0.29
1100.	5	1488.7	1.5	1491.1	1487.1	1.0	5	1.0	0.36	5.47	4.48	5	-0.12	-0.05	-0.20	-0.20
1200.	5	1489.0	1.0	1490.5	1488.1	0.5	5	0.5	0.23	4.91	4.33	5	-0.09	-0.05	-0.17	-0.17
1300.	5	1489.4	0.5	1490.3	1489.2	0.3	5	0.3	0.12	4.46	4.19	5	-0.06	-0.02	-0.14	-0.14
1400.	5	1490.9	0.4	1491.3	1490.4	0.4	5	0.4	0.08	4.29	4.07	5	-0.04	-0.02	-0.05	-0.05
1500.	4	1491.9	0.2	1492.1	1491.6	0.4	4	0.4	0.06	4.10	3.97	4	-0.04	-0.03	-0.05	-0.05
1750.	4	1495.2	0.2	1495.4	1494.9	0.4	4	0.4	0.05	3.87	3.75	4	-0.03	-0.02	-0.03	-0.03
2000.	4	1498.6	0.1	1498.7	1498.5	0.4	4	0.4	0.03	3.66	3.60	4	-0.02	-0.02	-0.03	-0.03
2500.	2	1505.9	0.0	1505.9	1505.9	0.8	2	0.8	0.02	3.35	3.32	2	-0.01	-0.02	-0.02	-0.02
3000.	1	1513.0	0.0	1513.0	1513.0	0.3	1	0.3	0.00	2.98	2.98	1	-0.03	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 34 OF MARSDEN SQUARE 114 FOR MONTHS 4-6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1518.8	5.7	1523.3	1508.0	0	0.0	0.0	6	18.41	1.97	20.08	14.83	0	0.00	0.00	0.00
10.	6	1519.0	5.0	1521.2	1508.0	6	-2.7	-7.1	6	18.06	1.71	19.26	14.78	6	-1.19	0.07	-2.78
20.	6	1517.1	4.5	1519.5	1508.0	6	-2.4	-7.0	6	17.69	1.48	18.52	14.72	6	-1.12	0.06	-2.59
30.	6	1516.2	4.3	1519.7	1507.8	6	-2.6	-6.4	6	17.34	1.35	18.34	14.63	6	-1.07	0.06	-2.41
40.	6	1514.6	4.5	1520.2	1507.5	6	-2.5	-6.1	6	16.69	1.37	18.36	14.43	6	-0.99	0.03	-2.16
50.	6	1512.8	5.7	1520.6	1506.4	6	-2.3	-5.1	6	15.98	1.73	18.36	14.01	6	-0.87	-0.51	-1.77
100.	6	1511.3	7.0	1521.0	1505.4	6	-2.1	-3.9	6	15.40	2.10	18.36	13.65	6	-0.69	-0.04	-1.34
125.	6	1510.8	7.3	1520.9	1505.1	6	-0.7	-2.7	6	15.11	2.20	18.20	13.41	6	-0.36	-0.09	-0.93
150.	6	1510.3	7.7	1520.9	1504.7	6	-0.5	-2.3	6	14.84	2.29	18.04	13.17	6	-0.31	-0.09	-0.80
200.	6	1509.7	8.4	1520.7	1503.4	6	0.0	-1.0	6	14.43	2.48	17.72	12.59	6	-0.14	-0.01	-0.44
250.	6	1509.3	9.0	1521.0	1501.4	6	-0.2	-1.2	6	14.08	2.65	17.54	11.78	6	-0.21	-0.07	-0.49
300.	6	1508.0	10.1	1521.1	1499.0	6	-2.0	-3.0	6	13.50	2.96	17.34	10.91	6	-0.68	-0.10	-1.02
400.	6	1507.1	11.0	1521.2	1493.3	6	-1.2	-2.4	6	11.49	3.47	16.82	8.96	6	-0.53	-0.13	-0.73
500.	6	1497.1	13.0	1517.8	1487.1	6	-1.6	-3.0	6	9.63	3.53	15.31	6.97	6	-0.59	-0.43	-1.07
600.	6	1492.5	11.8	1513.5	1484.4	6	-1.1	-3.0	6	7.98	3.13	13.57	5.86	6	-0.38	-0.18	-0.76
700.	6	1489.3	6.9	1505.8	1483.9	6	-0.7	-2.4	6	6.71	2.27	10.95	5.34	6	-0.35	-0.12	-0.80
800.	6	1487.0	5.5	1497.3	1483.6	6	-0.6	-1.0	6	5.69	1.36	8.28	4.85	6	-0.27	-0.11	-0.81
900.	3	1488.3	4.7	1493.3	1484.1	3	-0.3	-1.2	3	5.59	1.16	6.45	4.57	3	-0.20	-0.03	-0.43
1000.	3	1487.6	2.6	1490.3	1485.2	3	-0.2	-0.9	3	5.01	0.63	5.68	4.43	3	-0.16	-0.06	-0.36
1100.	3	1487.4	1.8	1489.6	1486.1	3	0.1	-0.3	3	4.67	0.43	5.10	4.25	3	-0.10	-0.05	-0.17
1200.	3	1488.4	1.3	1489.6	1487.1	3	0.3	0.6	3	4.41	0.29	4.68	4.10	3	-0.05	-0.03	-0.13
1300.	3	1489.5	1.0	1490.3	1488.3	3	0.3	0.3	3	4.26	0.24	4.45	3.99	3	-0.05	-0.03	-0.07
1400.	3	1490.6	0.8	1491.2	1489.7	3	0.4	0.3	3	4.11	0.18	4.26	3.91	3	-0.04	-0.05	-0.06
1500.	3	1491.6	0.6	1492.3	1491.1	3	0.3	0.4	3	3.97	0.14	4.12	3.84	3	-0.04	-0.02	-0.07
1750.	3	1495.1	0.3	1495.4	1494.8	3	0.4	0.5	3	3.79	0.08	3.47	3.72	3	-0.02	-0.01	-0.03
2000.	3	1498.6	0.3	1498.9	1498.3	3	0.4	0.4	3	3.63	0.07	3.69	3.55	3	-0.02	-0.02	-0.02
2500.	3	1505.7	0.4	1505.9	1505.2	3	0.4	0.4	3	3.28	0.09	3.34	3.17	3	-0.02	-0.02	-0.02
3000.	3	1512.9	0.3	1513.1	1512.5	3	0.4	0.4	3	2.94	0.08	3.00	2.85	3	-0.03	-0.02	-0.03
4000.	3	1527.8	0.1	1527.9	1527.7	3	0.5	0.5	3	2.37	0.02	2.38	2.34	3	-0.01	-0.01	-0.01
5000.	3	1545.2	0.1	1545.3	1545.2	3	0.5	0.5	3	2.28	0.02	2.30	2.26	3	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 4 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1534.6	3.7	1537.5	1529.2	0	0.0	0.0	0.0	6	23.59	2.07	25.40	20.42	0	0.00	0.00	0.00
10.	5	1534.4	3.6	1537.8	1529.0	5	-0.7	1.5	-3.4	6	23.44	1.98	25.44	20.40	6	-0.50	0.15	-1.73
20.	5	1532.6	4.0	1536.6	1527.9	5	-5.5	-0.3	-14.9	6	22.71	1.82	24.83	20.38	6	-2.21	-0.26	-6.71
30.	5	1530.5	3.5	1534.1	1525.4	5	-7.0	-0.6	-10.7	6	21.87	1.51	23.73	20.02	6	-2.73	-0.37	-4.62
50.	5	1527.0	2.6	1529.7	1523.2	5	-2.2	-0.2	-3.0	6	20.61	0.97	21.82	19.43	6	-0.80	-0.24	-1.37
75.	5	1525.7	2.8	1528.9	1522.1	5	-1.5	0.2	-2.7	6	20.05	0.92	21.25	18.88	6	-0.57	-0.03	-1.17
100.	5	1524.7	3.1	1529.1	1521.5	5	-0.7	0.2	-3.0	6	19.63	0.97	21.14	18.53	6	-0.41	-0.09	-1.22
125.	5	1523.6	1.9	1526.1	1521.4	5	-1.4	-0.1	-3.7	6	19.14	0.98	19.49	16.37	6	-0.61	-0.20	-1.45
150.	5	1523.0	1.2	1524.5	1521.4	5	-0.7	-0.1	-2.0	6	18.74	0.38	19.30	18.23	6	-0.44	-0.15	-0.84
200.	5	1522.9	1.1	1524.6	1521.7	5	0.2	0.8	0.1	6	18.36	0.36	19.02	18.03	6	-0.12	-0.03	-0.20
250.	5	1522.2	0.6	1523.5	1522.2	5	0.0	0.4	-0.7	6	18.12	0.19	18.36	17.92	6	-0.13	-0.03	-0.40
300.	5	1523.0	0.4	1523.7	1522.7	5	0.2	0.5	-0.4	6	17.91	0.14	18.15	17.79	6	-0.11	-0.04	-0.32
400.	5	1523.2	0.8	1524.2	1522.4	5	-0.0	0.3	-0.4	6	17.42	0.23	17.77	17.22	6	-0.17	-0.06	-0.26
500.	5	1521.8	1.7	1523.6	1519.7	5	-0.7	-0.3	-1.4	6	16.44	0.49	17.05	15.89	6	-0.40	-0.22	-0.59
600.	4	1517.8	2.6	1520.8	1514.5	4	-1.6	-1.2	-1.9	6	14.70	0.79	15.71	13.84	5	-0.63	-0.52	-0.70
700.	5	1512.5	3.7	1516.9	1508.4	5	-1.6	-1.2	-1.9	6	12.63	1.02	14.05	11.65	6	-0.65	-0.50	-0.69
800.	5	1506.3	4.2	1511.5	1501.6	5	-2.1	-1.9	-2.3	6	10.44	1.12	12.06	9.38	6	-0.70	-0.65	-0.75
900.	5	1500.3	4.1	1505.3	1495.5	4	-1.7	-1.4	-1.9	6	8.46	1.02	9.92	7.38	5	-0.55	-0.46	-0.64
1000.	5	1496.0	3.3	1500.1	1492.2	5	-1.2	-0.8	-1.5	6	7.02	0.76	8.13	6.14	6	-0.40	-0.25	-0.52
1100.	5	1493.6	1.9	1496.1	1491.2	5	-0.7	-0.2	-1.2	6	6.02	0.44	6.68	5.48	6	-0.29	-0.16	-0.44
1200.	5	1492.5	1.5	1494.7	1491.0	5	-0.2	-0.0	-0.4	6	5.37	0.32	5.92	5.01	6	-0.16	-0.12	-0.21
1300.	5	1492.5	1.3	1494.6	1491.5	5	0.0	0.2	-0.1	6	4.98	0.27	5.49	4.74	6	-0.11	-0.07	-0.16
1400.	5	1492.8	1.1	1494.6	1491.6	5	-0.2	0.2	-1.7	6	4.65	0.24	5.07	4.37	6	-0.16	-0.07	-0.47
1500.	5	1493.0	1.3	1494.5	1490.9	5	0.2	0.4	-0.0	6	4.33	0.29	4.65	3.81	6	-0.07	-0.02	-0.13
1750.	4	1495.5	0.8	1495.9	1494.3	4	0.3	0.4	0.3	5	3.88	0.16	3.49	3.61	5	-0.05	-0.02	-0.06
2000.	4	1498.5	0.5	1498.9	1497.7	4	0.4	0.4	0.4	5	3.60	0.11	3.68	3.41	5	-0.03	-0.02	-0.04
2500.	3	1505.1	0.5	1505.5	1504.6	3	0.4	0.4	0.4	4	3.17	0.09	3.23	3.04	4	-0.03	-0.02	-0.03
3000.	3	1512.0	0.5	1512.4	1511.4	3	0.4	0.4	0.4	4	2.75	0.09	2.84	2.62	4	-0.03	-0.02	-0.03
4000.	1	1527.3	0.0	1527.3	1527.3	1	0.5	0.5	0.5	3	2.28	0.03	2.31	2.25	3	-0.01	-0.00	-0.01

SUMMARY FOR ONE OF THE SQUARE 7 OF MARSDEN SQUARE 115 FOR MONTHS 1-3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1524.0	2.8	1530.1	1521.5	0	0.0	0.0	0.0	9	20.01	0.98	22.25	19.06	0	0.00	0.00	0.00
10.	8	1524.2	2.8	1530.2	1521.7	8	0.5	0.6	0.3	9	20.01	0.97	22.25	19.07	9	0.00	0.00	-0.09
20.	9	1524.7	2.6	1530.4	1521.6	8	0.6	1.5	0.3	9	20.03	0.97	22.25	19.09	9	0.00	0.27	-0.06
30.	9	1524.7	2.6	1530.5	1522.0	9	0.5	2.1	0.3	9	20.05	0.99	22.26	19.08	9	0.00	0.67	-0.05
50.	9	1524.8	2.7	1530.9	1522.3	9	0.1	1.0	-1.1	9	20.00	0.99	22.26	19.06	9	-0.14	-0.03	-0.54
75.	9	1524.7	2.6	1530.7	1522.6	8	0.0	0.5	-1.2	9	19.89	0.95	22.12	19.04	9	1.40	14.33	-0.61
100.	9	1524.7	2.1	1529.3	1522.6	9	0.4	0.6	-3.0	9	19.65	0.76	21.34	18.90	9	-0.35	0.02	-1.39
125.	9	1524.5	1.5	1527.1	1522.6	9	-0.2	0.4	-2.7	9	19.42	0.56	20.36	18.75	9	-0.26	-0.04	-1.19
150.	9	1524.4	1.3	1527.2	1522.6	9	0.1	0.8	-1.9	9	19.25	0.48	20.26	18.62	9	-0.16	-0.06	-0.64
200.	9	1524.4	0.6	1525.1	1523.2	9	-0.1	0.5	-1.9	9	18.94	0.21	19.14	18.54	9	-0.21	-0.02	-0.87
250.	9	1524.3	0.4	1525.5	1523.2	9	-0.0	0.3	-0.3	9	18.63	0.28	19.05	18.27	9	-0.20	-0.08	-0.36
300.	9	1524.0	0.7	1525.6	1523.3	9	-0.1	0.4	-0.5	9	18.27	0.26	18.80	18.01	9	-0.20	-0.08	-0.36
400.	9	1523.7	0.5	1524.8	1523.2	9	-0.1	0.4	-1.1	9	17.68	0.18	17.98	17.46	9	-0.20	-0.05	-0.55
500.	8	1522.6	1.2	1524.3	1520.6	8	-0.7	-0.2	-1.4	8	16.76	0.38	17.28	16.15	8	-0.38	-0.41	-0.54
600.	8	1518.7	1.4	1520.9	1516.7	8	-1.2	-0.8	-1.5	8	15.13	0.41	15.72	14.49	8	-0.51	-0.39	-0.60
700.	5	1513.6	1.5	1515.7	1511.5	5	-1.8	-1.5	-2.0	5	13.17	0.43	13.71	12.52	5	-0.65	-0.56	-0.71
800.	3	1509.9	1.7	1510.8	1507.7	3	-1.8	-1.5	-2.0	3	11.32	0.47	11.96	11.01	3	-0.63	-0.56	-0.71
900.	2	1502.7	2.3	1504.5	1501.2	2	-1.8	-1.2	-2.4	2	9.29	0.62	9.72	8.85	2	-0.57	-0.40	-0.74
1000.	2	1498.5	4.1	1501.4	1495.6	2	-1.2	-0.9	-1.5	2	7.74	1.05	8.48	6.99	2	-0.45	-0.38	-0.52
1100.	2	1496.0	4.1	1497.9	1493.1	2	-0.7	-0.6	-0.8	2	6.68	1.03	7.40	5.95	2	-0.31	-0.28	-0.31
1200.	2	1494.5	3.5	1496.9	1492.0	2	-0.3	-0.6	-0.6	2	5.86	0.86	6.47	5.25	2	-0.22	-0.15	-0.44
1300.	2	1493.8	2.3	1495.4	1492.1	2	-0.2	0.0	-0.5	2	5.09	0.57	5.69	4.88	2	-0.14	-0.11	-0.24
1400.	2	1493.6	1.6	1494.7	1492.5	2	0.1	0.1	0.1	2	4.63	0.37	5.09	4.57	2	-0.10	-0.04	-0.13
1500.	2	1494.1	1.1	1494.8	1493.3	2	0.1	0.2	0.0	2	4.54	0.27	4.73	4.35	2	-0.09	-0.07	-0.11
1600.	2	1496.0	0.5	1496.3	1495.6	2	0.5	0.5	0.5	2	3.99	0.12	4.07	3.90	2	-0.03	-0.03	-0.03
1700.	2	1494.1	0.4	1494.4	1493.8	2	0.4	0.4	0.4	2	3.74	0.11	3.81	3.66	2	-0.03	-0.03	-0.03
1800.	2	1495.8	0.0	1495.5	1495.5	2	0.4	0.4	0.4	2	3.64	0.01	3.64	3.23	2	-0.03	-0.03	-0.03
1900.	1	1512.0	0.0	1512.0	1512.0	1	0.4	0.4	0.4	1	2.76	0.00	2.76	2.76	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 8 OF MARSDEN SQUARE 115 FOR MONTHS 1-3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1523.5	1.3	1524.9	1521.8	0	0.0	0.0	0.0	0.0	13	19.86	20.66	19.21
10.	12	1523.6	1.4	1525.1	1521.6	12	0.3	0.3	0.6	-1.5	13	19.85	20.71	19.07
20.	12	1523.8	1.4	1525.2	1521.3	12	0.3	0.3	0.6	-0.9	13	19.85	20.75	18.89
30.	13	1524.1	1.7	1526.6	1521.0	13	0.3	0.3	1.5	-1.5	13	19.81	20.76	18.79
40.	13	1524.2	1.8	1526.9	1520.9	13	0.3	0.3	3.0	-0.8	13	19.75	20.74	18.60
50.	13	1524.3	2.0	1527.1	1521.3	13	0.0	0.0	0.5	-0.6	13	19.64	20.67	18.59
75.	13	1524.4	2.0	1527.1	1521.7	13	-0.2	0.0	0.5	-3.0	13	19.53	20.51	18.59
100.	13	1524.6	1.9	1526.9	1521.9	13	-0.1	0.6	-2.7	-0.6	13	19.53	20.51	18.59
125.	13	1524.7	1.7	1526.5	1522.2	13	-0.4	0.6	-3.0	-0.6	13	19.15	20.24	18.52
150.	13	1524.1	1.7	1526.5	1522.2	13	-0.4	0.6	-3.0	-0.6	13	19.15	20.24	18.52
175.	12	1523.7	1.0	1525.8	1522.8	12	0.0	0.0	0.6	-0.6	12	19.15	20.24	18.52
200.	12	1523.7	0.6	1524.0	1523.0	12	0.0	0.0	0.5	-0.7	12	18.42	20.20	18.42
250.	11	1523.6	0.4	1524.7	1523.2	11	0.1	0.1	0.6	-0.5	12	18.42	20.20	18.42
300.	11	1523.6	0.4	1524.6	1523.0	11	0.0	0.0	0.1	-0.1	12	18.14	20.15	18.49
350.	11	1522.4	0.9	1524.0	1520.9	11	-0.6	-0.3	-0.3	-1.3	12	16.72	20.20	17.18
400.	9	1518.6	1.3	1520.7	1516.4	9	-1.4	-1.0	-1.7	-2.5	10	15.05	20.36	14.40
450.	7	1512.6	1.4	1514.6	1510.9	7	-1.9	-2.1	-2.0	-2.2	10	12.83	20.33	12.36
500.	3	1506.0	1.4	1507.2	1504.5	3	-2.1	-2.0	-2.0	-2.2	3	10.56	20.37	10.15
550.	1	1499.3	0.0	1499.3	1499.3	1	-2.3	-2.3	-2.3	-2.3	1	8.25	20.00	8.35
600.	1	1494.1	0.0	1494.1	1494.1	1	-0.8	-0.8	-0.8	-0.8	1	6.41	20.00	6.61
650.	1	1492.1	0.0	1492.1	1492.1	1	-0.5	-0.5	-0.5	-0.5	1	5.69	20.00	5.69
700.	1	1491.3	0.0	1491.3	1491.3	1	0.0	0.0	0.0	0.0	1	5.09	20.00	5.09
750.	1	1491.4	0.0	1491.4	1491.4	1	0.0	0.0	0.0	0.0	1	4.72	20.00	4.72
800.	1	1491.8	0.0	1491.8	1491.8	1	0.2	0.2	0.2	0.2	1	4.43	20.00	4.43
850.	1	1492.6	0.0	1492.6	1492.6	1	0.2	0.2	0.2	0.2	1	4.23	20.00	4.23
900.	1	1495.2	0.0	1495.2	1495.2	1	0.3	0.3	0.3	0.3	1	3.83	20.00	3.83
950.	1	1498.3	0.0	1498.3	1498.3	1	0.4	0.4	0.4	0.4	1	3.56	20.00	3.56
1000.	1	1505.2	0.0	1505.2	1505.2	1	0.4	0.4	0.4	0.4	1	3.19	20.00	3.19
1050.	1	1512.5	0.0	1512.5	1512.5	1	0.5	0.5	0.5	0.5	1	2.87	20.00	2.87
1100.	1	1528.0	0.0	1528.0	1528.0	0	0.0	0.0	0.0	0.0	1	2.43	20.00	2.43

SUMMARY FOR ONE DEGREE SQUARE 14 OF MARSDEN SQUARE 115 FOR MONTHS 4-6

DEPTH	VELOCITY			VELOCITY			GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN
0.	6	1522.1	4.7	1536.3	1523.2	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00
10.	6	1531.3	4.2	1534.2	1522.9	6	-4.5	-0.9	-12.2	19.72	7	-1.92	-0.30	-5.18	-5.18
20.	6	1529.8	3.7	1532.0	1522.6	6	-4.4	0.3	-10.4	19.54	7	-1.85	-0.46	-4.49	-4.49
30.	6	1528.1	3.0	1530.3	1522.4	6	-6.4	-0.6	-12.2	19.36	6	-2.72	-0.43	-4.88	-4.88
50.	6	1524.9	1.8	1526.9	1522.1	6	-3.1	-0.5	-6.6	19.24	7	-1.23	-0.34	-2.71	-2.71
75.	6	1523.4	1.0	1525.0	1522.3	6	-1.6	0.2	-3.2	18.95	7	-0.69	-0.09	-1.33	-1.33
100.	6	1522.5	0.6	1523.5	1521.8	6	-0.3	0.2	-1.0	18.64	7	-0.29	-0.11	-0.51	-0.51
125.	6	1522.3	0.7	1523.3	1521.2	6	-0.2	-0.1	-0.7	18.31	7	-0.28	-0.17	-0.54	-0.54
150.	6	1522.2	0.7	1523.2	1521.0	6	-0.1	-0.1	-0.6	18.10	7	-0.24	-0.17	-0.57	-0.57
200.	6	1522.3	0.6	1523.0	1521.3	6	0.1	0.3	-0.1	17.92	7	-0.11	-0.03	-0.23	-0.23
250.	6	1522.7	0.5	1523.5	1521.9	6	0.2	0.4	-0.1	17.84	7	-0.10	-0.02	-0.21	-0.21
300.	6	1523.0	0.4	1523.6	1522.5	6	0.3	0.4	0.2	17.78	7	-0.06	-0.02	-0.10	-0.10
400.	6	1523.4	0.5	1524.0	1522.6	6	0.3	0.4	0.3	17.28	7	-0.15	-0.05	-0.25	-0.25
500.	6	1522.0	1.0	1523.0	1520.2	6	-0.8	-0.4	-1.5	16.04	7	-0.41	-0.25	-0.61	-0.61
600.	6	1518.1	1.7	1519.9	1514.9	6	-1.3	-1.0	-2.3	13.96	6	-0.64	-0.51	-0.83	-0.83
700.	6	1512.5	2.6	1515.2	1507.6	6	-1.8	-1.4	-2.2	11.44	7	-0.66	-0.53	-0.77	-0.77
800.	6	1506.2	3.0	1508.8	1500.4	6	-2.0	-1.5	-2.4	9.07	7	-0.72	-0.65	-0.79	-0.79
900.	6	1499.7	2.8	1502.3	1494.7	6	-1.0	-0.8	-1.3	7.20	6	-0.66	-0.57	-0.61	-0.61
1000.	6	1495.2	2.3	1497.7	1491.7	6	-1.0	-0.8	-1.3	6.02	7	-0.38	-0.30	-0.45	-0.45
1100.	6	1492.8	2.0	1495.2	1490.0	6	-0.6	-0.5	-0.8	5.19	7	-0.25	-0.19	-0.32	-0.32
1200.	6	1491.9	1.6	1493.8	1489.5	6	-0.1	0.2	-0.5	4.68	7	-0.13	-0.07	-0.23	-0.23
1300.	6	1492.1	1.3	1493.8	1490.2	6	0.1	0.5	-0.3	4.43	7	-0.10	-0.02	-0.13	-0.13
1400.	6	1492.6	0.9	1493.9	1491.4	6	0.2	0.4	0.0	4.15	7	-0.08	-0.01	-0.12	-0.12
1500.	6	1493.4	0.6	1494.2	1492.4	6	0.2	0.3	0.1	3.78	7	-0.07	-0.04	-0.10	-0.10
1750.	4	1495.5	0.4	1495.9	1495.0	4	0.3	0.3	0.2	3.55	5	-0.05	-0.04	-0.07	-0.07
2000.	4	1498.4	0.1	1498.6	1498.3	4	0.4	0.5	0.4	3.08	4	-0.02	-0.02	-0.04	-0.04
2500.	3	1505.7	1.2	1507.0	1504.8	3	0.4	0.5	0.4	2.61	4	-0.02	0.00	-0.03	-0.03
3000.	2	1513.2	2.5	1515.0	1511.4	2	0.3	0.4	0.2	2.20	3	-0.04	-0.02	-0.07	-0.07
4000.	2	1527.2	0.1	1527.2	1527.1	2	0.5	0.5	0.5	2.20	3	-0.00	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 14 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	27	1538.7	2.3	1541.3	1530.7	0	0.0	0.0	0.0	27	26.02	0.95	27.10	22.68	0	0.00	0.00	0.00		
10.	27	1539.1	1.9	1541.5	1534.5	27	1.0	11.6	-0.3	27	26.08	0.79	27.12	24.16	27	0.19	4.51	-0.27		
20.	27	1539.3	1.7	1541.7	1535.6	27	0.6	3.0	-0.4	27	26.10	0.74	27.12	24.53	27	-0.02	0.37	-0.44		
30.	27	1539.1	1.9	1541.8	1535.7	27	-2.8	0.9	-12.2	27	25.93	0.80	27.10	24.52	27	-1.50	0.09	-5.18		
50.	27	1535.4	2.1	1539.8	1531.0	24	-10.7	0.6	-33.5	27	24.15	0.90	26.03	22.33	26	-4.94	-0.07	-15.14		
75.	27	1529.7	2.7	1537.4	1526.2	27	-4.9	0.7	-8.2	27	21.71	1.11	24.95	20.36	27	-2.10	0.05	-3.49		
100.	27	1526.8	3.3	1537.9	1523.6	27	-2.8	0.7	-4.5	27	20.43	1.29	24.97	19.26	27	-1.26	0.03	-2.13		
125.	27	1525.1	3.1	1537.0	1522.6	27	-2.2	-1.2	-5.2	27	19.67	1.18	24.38	18.79	27	-0.97	-0.57	-2.61		
150.	27	1523.9	2.4	1533.1	1522.2	26	-1.0	-0.3	-4.8	27	19.11	0.87	22.54	18.51	26	-0.53	-0.10	-2.24		
200.	27	1523.1	1.1	1527.7	1522.5	26	-0.5	0.8	-9.1	27	18.53	0.39	20.15	18.30	26	-0.35	-0.06	-3.05		
250.	27	1522.9	0.6	1525.4	1521.8	26	-0.0	1.5	-1.1	27	18.16	0.23	19.05	17.81	27	-0.17	-0.06	-0.50		
300.	27	1523.0	0.6	1525.1	1521.0	27	0.2	1.0	-0.9	27	17.92	0.21	18.66	17.29	27	-0.11	-0.04	-0.48		
400.	27	1523.3	1.0	1524.6	1519.4	27	0.0	0.6	-0.7	27	17.50	0.31	17.94	16.29	27	-0.13	-0.03	-0.38		
500.	27	1522.3	1.9	1525.1	1517.0	26	-0.6	0.2	-1.5	27	16.68	0.59	17.54	15.06	27	-0.33	-0.11	-0.52		
600.	27	1518.8	2.7	1525.0	1512.9	26	-1.4	-0.0	-2.3	27	15.11	0.83	17.00	13.38	27	-0.58	-0.17	-0.84		
700.	27	1513.2	3.2	1520.9	1507.1	27	-1.8	-0.7	-2.8	27	13.00	0.93	15.25	11.29	27	-0.66	-0.30	-0.89		
800.	24	1506.8	3.4	1515.8	1501.2	24	-2.1	-1.4	-2.6	26	10.72	0.92	13.28	9.24	26	-0.71	-0.57	-0.86		
900.	23	1500.4	2.6	1506.2	1496.0	23	-2.0	-1.1	-3.3	26	8.55	0.70	10.18	7.51	26	-0.65	-0.43	-1.02		
1000.	23	1495.8	1.6	1499.4	1493.1	23	-1.1	-0.5	-2.0	26	6.97	0.42	7.96	6.35	26	-0.40	-0.18	-0.65		
1100.	23	1493.4	1.1	1495.2	1491.3	23	-0.5	0.2	-1.2	26	5.96	0.30	6.46	5.46	26	-0.25	-0.06	-0.43		
1200.	22	1492.4	0.8	1494.1	1491.4	21	-0.2	0.1	-0.8	26	5.35	0.19	5.77	5.10	26	-0.17	-0.08	-0.31		
1300.	22	1492.3	0.6	1493.1	1491.1	22	0.0	0.5	-0.3	25	4.92	0.13	5.10	4.65	25	-0.12	-0.05	-0.21		
1400.	22	1492.7	0.5	1493.4	1491.7	22	0.2	0.4	-0.1	25	4.61	0.12	4.79	4.39	25	-0.09	-0.04	-0.15		
1500.	20	1493.5	0.5	1494.3	1492.5	20	0.3	0.4	0.1	24	4.39	0.12	4.60	4.19	24	-0.06	-0.03	-0.09		
1750.	19	1496.1	0.4	1496.7	1495.4	19	0.3	0.4	0.2	22	4.02	0.10	4.17	3.86	22	-0.04	-0.03	-0.07		
2000.	17	1499.0	0.2	1499.5	1498.5	16	0.4	0.4	0.3	20	3.73	0.06	3.85	3.61	20	-0.03	-0.01	-0.05		
2500.	15	1505.3	0.0	1505.6	1505.0	15	0.4	0.4	0.4	17	3.21	0.04	3.20	3.13	17	-0.03	-0.02	-0.04		
3000.	15	1511.8	0.0	1512.0	1511.5	15	0.4	0.4	0.4	17	2.72	0.04	2.81	2.65	17	-0.03	-0.02	-0.03		
4000.	11	1527.3	0.0	1527.6	1527.1	11	0.5	0.5	0.5	12	2.27	0.02	2.31	2.23	12	-0.01	-0.00	-0.01		

SUMMARY FOR ONE DEGREE SQUARE 15 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	5	1533.8	3.2	1537.5	1529.4	0	0.0	0.0	0.0	5	23.86	1.38	25.45	22.02	0	0.00	0.00	0.00		
10.	5	1532.6	2.1	1535.2	1529.5	5	-4.0	0.3	-9.8	5	23.29	0.87	24.39	22.01	5	-1.89	-0.03	-4.44		
20.	5	1530.5	1.8	1532.9	1528.0	5	-6.4	-2.1	-9.4	5	22.37	0.74	23.33	21.36	5	-2.82	-1.16	-3.93		
30.	5	1528.2	2.2	1530.8	1525.6	5	-6.1	-5.6	-6.4	5	21.38	0.85	22.39	20.38	5	-2.69	-2.24	-3.05		
50.	5	1525.0	2.0	1527.4	1522.3	5	-2.4	-3.0	-5.2	5	20.06	0.75	20.94	19.06	5	-1.16	-0.30	-2.23		
75.	5	1523.5	1.1	1524.6	1522.0	5	-2.2	-2.2	-3.4	5	19.37	0.39	19.75	18.83	5	-0.88	-0.30	-1.46		
100.	5	1522.5	0.7	1523.2	1521.8	5	-0.5	-0.7	-1.6	5	18.88	0.24	19.11	18.60	5	-0.38	-0.15	-0.73		
125.	5	1522.4	0.6	1522.9	1521.6	5	-0.2	0.1	-0.5	5	18.67	0.23	18.97	18.40	5	-0.26	-0.16	-0.55		
150.	5	1522.2	0.7	1522.9	1521.5	5	-0.1	-0.1	-0.4	5	18.49	0.24	18.72	18.22	5	-0.21	-0.10	-0.29		
200.	5	1522.3	0.7	1523.1	1521.3	5	0.0	0.2	0.2	5	18.22	0.26	18.52	17.90	5	-0.07	-0.08	-0.11		
250.	5	1522.6	0.7	1523.3	1521.5	5	0.3	0.8	0.1	5	18.06	0.24	18.31	17.71	5	-0.13	-0.08	-0.23		
300.	5	1522.9	0.7	1523.5	1521.8	4	0.3	0.6	0.2	5	17.89	0.22	18.11	17.53	5	-0.05	-0.08	-0.11		
400.	5	1523.4	0.9	1524.4	1522.2	5	-0.1	0.4	-0.6	5	17.55	0.29	17.85	17.15	5	-0.18	-0.04	-0.50		
500.	5	1522.2	1.7	1524.1	1519.9	5	-0.4	-0.3	-0.7	5	16.63	0.53	17.23	15.89	5	-0.28	-0.15	-0.34		
600.	5	1519.3	1.6	1521.0	1517.2	5	-1.4	-1.2	-1.5	5	15.24	0.47	15.74	14.62	5	-0.60	-0.58	-0.61		
700.	5	1513.5	2.0	1515.7	1510.5	5	-2.4	-2.0	-3.0	5	13.09	0.57	13.72	12.24	5	-0.75	-0.61	-0.93		
800.	5	1506.6	2.2	1508.8	1503.4	5	-2.3	-1.5	-3.3	5	10.71	0.58	11.31	9.85	5	-0.81	-0.68	-1.03		
900.	5	1499.9	1.9	1501.7	1496.9	5	-1.8	-1.5	-2.1	5	8.51	0.50	8.98	7.73	5	-0.60	-0.46	-0.66		
1000.	4	1495.7	1.6	1497.3	1493.8	4	-1.1	-0.8	-1.3	4	7.00	0.42	7.42	6.51	4	-0.41	-0.34	-0.44		
1100.	4	1493.3	1.0	1494.2	1492.0	4	-0.6	-0.5	-0.9	4	5.98	0.26	6.21	5.66	4	-0.29	-0.24	-0.37		
1200.	4	1492.5	0.5	1493.0	1491.8	4	0.0	0.0	-0.0	4	5.38	0.13	5.51	5.20	4	-0.13	-0.12	-0.14		
1300.	4	1492.7	0.4	1493.1	1492.1	4	0.0	0.1	0.0	4	5.01	0.11	5.11	4.87	4	-0.09	-0.11	-0.12		
1400.	4	1493.2	0.3	1493.5	1492.9	3	0.3	0.4	0.2	4	4.73	0.07	4.81	4.66	3	-0.07	-0.06	-0.09		
1500.	4	1493.8	0.3	1494.2	1493.4	4	0.2	0.4	0.2	4	4.49	0.07	4.58	4.40	4	-0.07	-0.04	-0.09		
1750.	4	1496.2	0.3	1496.4	1495.8	4	0.3	0.3	0.3	4	4.05	0.06	4.11	3.97	4	-0.05	-0.05	-0.06		
2000.	4	1499.0	0.2	1499.2	1498.8	4	0.4	0.4	0.4	4	3.71	0.05	3.76	3.66	4	-0.04	-0.03	-0.05		
2500.	3	1505.4	0.1	1505.4	1505.3	3	0.4	0.4	0.4	3	3.21	0.02	3.22	3.18	3	-0.03	-0.03	-0.03		
3000.	3	1512.1	0.2	1512.3	1511.9	3	0.4	0.4	0.4	3	2.77	0.06	2.82	2.71	3	-0.03	-0.02	-0.03		
4000.	2	1527.5	0.1	1527.5	1527.4	2	0.5	0.5	0.5	2	2.28	0.01	2.29	2.27	2	-0.01	-0.00	-0.02		

SUMMARY FOR ONE DEGREE SQUARE 15 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1542.5	0.7	1543.7	1541.6	0	0.0	0.0	0.0	14	27.66	0.51	28.43	26.56	14	0.00	0.00	0.00
10.	12	1542.3	0.1	1542.6	1542.1	12	-1.2	2.4	-7.6	14	27.40	0.54	27.84	25.92	14	-0.99	0.43	-3.61
20.	12	1540.6	1.7	1542.4	1538.0	11	-6.2	-0.3	-18.3	14	26.62	0.85	27.60	25.07	14	-2.73	-0.30	-8.23
30.	12	1537.8	2.5	1542.0	1535.4	12	-8.2	-1.2	-17.1	14	25.42	1.09	27.29	24.24	14	-3.65	-0.37	-7.80
50.	12	1532.3	1.0	1533.7	1530.5	12	-6.8	-3.0	-13.1	14	23.13	0.90	25.92	22.19	14	-2.86	-0.40	-5.91
75.	12	1527.8	0.9	1529.0	1526.5	12	-4.4	-2.7	-6.1	14	21.07	0.51	22.46	20.48	14	-2.18	-1.22	-4.22
100.	12	1525.1	0.5	1525.9	1524.2	12	-2.6	-1.3	-4.3	14	19.80	0.27	20.11	19.16	14	-1.04	-0.61	-1.78
125.	12	1523.9	0.4	1524.4	1523.3	12	-1.5	-1.0	-2.1	14	19.21	0.21	19.54	18.78	14	-0.71	-0.46	-0.93
150.	12	1523.1	0.3	1523.5	1522.6	12	-0.7	-0.1	-1.5	14	18.62	0.18	19.16	18.46	14	-0.42	-0.28	-0.61
200.	12	1523.0	0.2	1523.2	1522.6	12	0.2	1.0	-0.1	14	18.45	0.15	18.57	17.99	14	-0.14	-0.02	-0.30
250.	12	1523.3	0.0	1523.5	1523.0	12	0.2	0.8	-0.1	14	18.27	0.13	18.38	17.87	14	-0.10	-0.03	-0.19
300.	12	1523.4	0.1	1523.9	1523.1	11	0.1	0.8	-0.1	14	18.04	0.15	18.24	17.65	14	-0.18	-0.08	-0.43
400.	12	1524.0	0.0	1524.3	1523.7	12	-0.3	0.3	-5.3	14	17.58	0.35	17.80	16.61	14	-0.24	-0.05	-1.91
500.	12	1524.8	0.0	1525.0	1524.6	11	0.3	0.8	0.2	14	17.19	0.68	17.51	15.40	14	-0.13	-0.02	-0.55
600.	12	1523.7	0.9	1525.1	1521.9	12	-0.6	-0.2	-1.2	14	16.18	1.11	17.03	13.38	14	-0.41	-0.18	-0.91
700.	11	1519.5	1.3	1521.2	1516.5	11	-1.5	-1.0	-1.9	14	14.28	1.40	15.35	10.73	14	-0.63	-0.45	-0.87
800.	10	1513.4	1.2	1515.2	1511.5	10	-1.9	-1.5	-2.4	13	12.01	1.46	13.11	8.70	13	-0.69	-0.58	-0.91
900.	9	1506.5	1.7	1508.7	1504.1	9	-2.2	-1.5	-2.9	12	9.70	1.38	10.85	6.69	12	-0.81	-0.10	-2.34
1000.	7	1499.4	1.8	1501.5	1497.0	7	-2.1	-1.9	-2.5	9	7.51	0.97	8.48	5.86	9	-0.60	-0.24	-0.77
1100.	4	1494.7	0.8	1495.6	1493.8	4	-1.2	-1.0	-1.6	6	5.96	0.59	6.58	5.17	6	-0.34	-0.12	-0.53
1200.	4	1492.8	0.9	1494.1	1492.0	4	-0.5	-0.3	-0.7	6	5.27	0.34	5.77	4.81	6	-0.18	-0.05	-0.29
1300.	4	1492.3	1.0	1493.6	1491.3	4	-0.2	0.0	-0.4	6	4.83	0.24	5.23	4.54	6	-0.14	-0.08	-0.22
1400.	4	1492.5	1.1	1493.8	1491.1	4	0.1	0.2	-0.1	6	4.50	0.24	4.89	4.24	6	-0.10	-0.08	-0.13
1500.	3	1493.5	0.8	1494.3	1492.7	3	0.3	0.5	0.2	5	4.29	0.22	4.60	4.02	5	-0.06	-0.00	-0.11
1750.	2	1496.2	0.1	1496.2	1496.1	2	0.3	0.4	0.2	4	3.93	0.14	4.07	3.81	4	-0.04	-0.03	-0.06
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2	3.53	0.00	3.53	3.53	2	-0.03	-0.03	-0.03
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.15	0.00	3.15	3.15	1	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.60	0.00	2.60	2.60	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 15 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1535.1	3.6	1539.2	1529.8	0	0.0	0.0	0.0	13	24.52	1.50	26.22	22.23	0	0.00	0.00	0.00
10.	12	1535.3	3.6	1539.3	1530.0	12	0.7	3.0	0.3	13	24.51	1.49	26.24	22.25	13	-0.02	0.21	-0.58
20.	12	1535.5	3.6	1539.4	1530.2	12	0.5	0.8	0.3	13	24.50	1.49	26.22	22.26	13	-0.05	0.03	-0.55
30.	12	1535.4	3.3	1539.6	1530.4	12	-0.9	0.6	-6.1	13	24.36	1.34	26.01	22.28	13	-0.66	0.06	-3.25
50.	12	1534.3	2.1	1538.7	1530.8	12	-4.1	0.5	-16.8	13	23.75	0.83	25.47	22.29	13	-1.95	0.03	-7.32
75.	12	1531.7	2.5	1534.7	1528.4	12	-2.7	0.5	-9.1	13	22.45	1.03	23.76	21.22	13	-1.38	-0.06	-3.96
100.	12	1529.5	3.8	1534.8	1525.2	12	-1.9	0.9	-8.0	13	21.41	1.48	23.65	19.84	13	-0.90	-0.01	-3.46
125.	12	1527.5	3.9	1534.8	1523.8	12	-3.0	0.1	-7.1	13	20.50	1.47	23.42	19.18	13	-1.29	-0.22	-2.90
150.	12	1525.7	3.4	1532.3	1522.9	12	-1.5	-0.5	-3.7	13	19.70	1.21	22.21	16.73	13	-0.75	-0.39	-1.65
200.	12	1524.1	1.9	1527.9	1522.5	11	-0.4	0.4	-2.3	13	18.83	0.66	20.23	18.31	13	-0.67	-0.09	-4.75
250.	12	1523.6	0.9	1525.1	1522.7	11	-0.1	0.1	-0.9	13	18.36	0.32	18.94	18.04	13	-0.52	-0.13	-4.16
300.	12	1523.5	0.7	1524.7	1522.8	12	0.1	0.4	-0.2	13	18.08	0.25	18.50	17.76	13	-0.13	-0.06	-0.24
400.	11	1523.6	0.5	1524.6	1522.8	11	0.1	0.6	-0.3	12	17.58	0.19	17.94	17.25	12	-0.11	-0.05	-0.23
500.	10	1522.9	0.7	1524.2	1522.1	10	-0.5	-0.1	-0.9	11	16.80	0.24	17.25	16.37	11	-0.32	-0.21	-0.47
600.	9	1519.2	1.0	1521.5	1518.4	9	-1.2	-1.1	-1.6	10	15.18	0.31	15.91	14.77	10	-0.53	-0.48	-0.62
700.	7	1514.0	1.5	1516.8	1512.1	7	-1.7	-1.4	-2.0	8	13.16	0.45	14.03	12.59	8	-0.66	-0.57	-0.78
800.	7	1507.4	1.6	1510.9	1505.7	7	-2.1	-1.9	-2.2	8	10.85	0.51	11.90	10.12	8	-0.72	-0.67	-0.78
900.	7	1500.8	1.5	1503.8	1499.1	7	-2.0	-1.5	-2.3	8	8.66	0.42	9.52	8.13	8	-0.62	-0.39	-0.75
1000.	6	1495.8	0.9	1497.6	1495.1	6	-1.2	-0.7	-1.6	7	6.95	0.30	7.47	6.44	7	-0.44	-0.34	-0.52
1100.	6	1493.6	0.8	1495.2	1492.9	6	-0.5	-0.2	-0.7	7	5.98	0.26	6.43	5.55	7	-0.24	-0.16	-0.31
1200.	5	1492.9	0.7	1493.9	1492.2	5	-0.2	-0.1	-0.3	6	5.38	0.26	5.71	4.93	6	-0.17	-0.11	-0.21
1300.	4	1492.7	0.4	1493.3	1492.3	4	-0.1	0.1	-0.2	5	4.93	0.19	5.15	4.63	5	-0.12	-0.04	-0.17
1400.	4	1493.0	0.2	1493.2	1492.7	4	0.2	0.4	-0.1	5	4.63	0.13	4.74	4.41	5	-0.09	-0.06	-0.14
1500.	4	1493.7	0.4	1494.1	1493.2	4	0.2	0.3	0.1	5	4.41	0.13	4.55	4.26	5	-0.06	-0.03	-0.10
1750.	3	1496.2	0.6	1496.6	1495.5	3	0.3	0.6	0.3	4	4.01	0.14	4.14	3.88	4	-0.03	-0.01	-0.06
2000.	3	1499.1	0.4	1499.5	1498.8	3	0.4	0.4	0.3	4	3.74	0.06	3.82	3.68	4	-0.03	-0.02	-0.04
2500.	3	1505.4	0.1	1505.4	1505.3	3	0.4	0.4	0.4	3	3.21	0.02	3.23	3.19	3	-0.03	-0.03	-0.04
3000.	3	1511.9	0.2	1512.0	1511.7	3	0.4	0.4	0.4	3	2.73	0.03	2.75	2.69	3	-0.03	-0.03	-0.04
4000.	2	1527.5	0.0	1527.5	1527.5	2	0.5	0.5	0.5	2	2.30	0.00	2.30	2.30	2	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 24 OF MARSDEN SQUARE 115 FOR MONTHS 1- 3

DEPTH	VELOCITY						VELOCITY GRADIENT						TEMPERATURE						TEMPERATURE GRADIENT					
	NU	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN				
0.	11	1523.1	2.0	1526.5	1521.1		0	0.0	0.0	0.0	14	19.51	0.74	20.90	18.50		0	0.00	0.00	0.00				
10.	11	1523.3	2.0	1526.7	1521.3		11	0.6	0.9	0.3	14	19.50	0.76	20.92	18.48		14	-0.02	0.18	-0.24				
20.	11	1523.4	2.1	1526.9	1521.5		11	0.6	0.9	0.3	14	19.50	0.77	20.93	18.47		14	-0.02	0.12	-0.15				
30.	11	1523.6	2.0	1527.0	1521.7		11	0.4	0.8	0.3	14	19.49	0.77	20.94	18.46		14	-0.03	0.10	-0.27				
50.	11	1523.8	2.0	1527.3	1522.0		11	0.4	0.6	0.3	15	19.46	0.74	20.93	18.44		15	-0.04	0.02	-0.18				
75.	11	1524.2	2.0	1527.7	1522.3		10	0.4	0.6	0.4	15	19.42	0.75	20.91	18.45		14	-0.05	0.01	-0.27				
100.	11	1524.5	1.9	1528.0	1522.7		11	0.1	0.6	-1.7	15	19.35	0.71	20.89	18.45		15	-0.15	0.01	-0.86				
125.	11	1524.4	1.5	1527.2	1522.6		11	-0.2	0.8	-1.8	15	19.20	0.56	20.42	18.42		15	-0.21	0.06	-1.23				
150.	11	1523.9	1.0	1525.9	1522.2		11	-0.8	0.7	-3.0	15	18.98	0.39	19.81	18.40		15	-0.31	0.06	-1.23				
200.	11	1523.1	1.2	1525.2	1521.0		11	-0.2	0.6	-1.3	15	18.52	0.34	19.21	17.81		15	-0.20	0.01	-0.65				
250.	11	1522.7	0.8	1523.6	1521.1		11	0.1	3.0	-1.0	15	18.17	0.26	18.47	17.55		15	-0.18	-0.01	-0.52				
300.	10	1522.7	0.7	1523.7	1521.6		10	-0.1	0.2	-0.6	14	17.94	0.26	18.27	17.49		14	-0.15	-0.05	-0.36				
400.	9	1522.9	0.6	1523.8	1521.6		9	0.1	0.5	-0.1	13	17.49	0.26	18.00	16.97		13	-0.14	-0.01	-0.21				
500.	9	1522.1	1.6	1523.9	1518.6		9	-0.4	0.1	-1.4	13	16.68	0.43	17.15	15.54		13	-0.30	-0.13	-0.58				
600.	9	1518.8	2.4	1522.0	1513.8		8	-1.1	-0.6	-1.8	13	15.17	0.61	16.08	13.66		12	-0.50	-0.34	-0.69				
700.	9	1513.9	2.7	1518.0	1508.9		8	-1.6	-1.3	-2.2	13	13.24	0.69	14.39	11.81		13	-0.65	-0.52	-0.91				
800.	9	1507.6	2.6	1513.1	1503.9		9	-1.9	-1.5	-2.9	13	10.97	0.67	12.51	10.00		13	-0.71	-0.55	-0.93				
900.	9	1500.8	2.1	1505.2	1498.5		9	-2.1	-1.6	-2.7	13	8.81	0.60	9.91	7.88		13	-0.65	-0.53	-0.87				
1000.	9	1495.5	1.5	1498.4	1493.8		9	-1.2	-0.5	-2.0	13	7.10	0.52	7.90	6.37		13	-0.43	-0.14	-0.63				
1100.	9	1493.2	1.0	1494.7	1492.0		9	-0.5	-0.1	-1.1	13	6.11	0.48	7.44	5.58		13	-0.26	-0.14	-0.43				
1200.	9	1492.5	0.7	1493.5	1491.4		9	-0.2	0.0	-0.6	12	5.49	0.51	6.99	5.05		12	-0.15	-0.11	-0.27				
1300.	9	1492.4	0.7	1493.7	1491.4		9	0.0	0.1	-0.1	12	5.07	0.49	6.53	4.72		12	-0.12	-0.09	-0.15				
1400.	9	1492.7	0.7	1494.2	1492.0		9	0.1	0.3	0.0	12	4.74	0.45	6.07	4.45		12	-0.10	-0.06	-0.23				
1500.	8	1493.4	0.7	1494.9	1492.6		8	0.2	0.3	0.1	11	4.50	0.40	5.61	4.21		11	-0.08	-0.04	-0.14				
1750.	6	1495.9	0.9	1497.3	1494.8		6	0.3	0.4	0.2	8	3.98	0.17	4.30	3.74		8	-0.04	-0.02	-0.06				
2000.	3	1499.4	0.5	1499.9	1499.0		3	0.4	0.5	0.4	4	3.77	0.11	3.91	3.67		4	-0.03	-0.02	-0.04				

SUMMARY FOR ONE DEGREE SQUARE 24 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	28	1531.0	5.8	1538.3	1520.7	0	0.0	0.0	0.0	2.31	25.80	18.77	0	0.00	0.00	0.00
10.	28	1530.2	5.4	1537.7	1520.7	28	-2.6	0.6	-19.5	28	22.81	18.74	28	-1.30	0.15	-8.38
20.	28	1529.0	4.9	1536.9	1520.8	28	-3.6	3.0	-16.2	28	21.41	18.71	28	-1.71	0.03	-6.61
30.	28	1527.9	4.6	1536.4	1520.9	28	-3.7	1.8	-11.6	28	21.33	18.68	28	-1.66	0.30	-4.75
50.	28	1525.9	4.2	1535.7	1518.7	28	-2.7	1.4	-9.1	28	20.43	17.87	28	-1.19	0.29	-3.51
75.	28	1524.1	2.8	1532.1	1518.8	28	-1.7	0.6	-5.2	28	19.62	17.74	28	-0.81	0.01	-2.12
100.	28	1523.2	2.1	1529.1	1518.9	28	-0.6	0.6	-3.0	28	19.13	17.65	28	-0.37	0.01	-1.22
125.	28	1522.9	1.7	1527.2	1519.3	28	-0.3	0.6	-2.3	28	18.88	17.65	28	-0.30	0.01	-1.12
150.	28	1522.8	1.3	1525.9	1519.8	28	-0.0	0.6	-0.9	28	18.69	17.66	28	-0.20	0.01	-0.44
200.	28	1522.6	1.0	1524.6	1520.6	28	0.0	3.0	-1.2	28	18.36	17.66	28	-0.17	-0.04	-0.61
250.	28	1522.8	0.9	1524.3	1520.9	28	0.1	0.5	-0.5	28	18.13	17.53	28	-0.11	-0.01	-0.34
300.	28	1523.0	0.8	1524.8	1520.4	27	0.3	1.5	-0.3	28	17.92	17.12	27	-0.08	-0.01	-0.25
400.	28	1523.5	1.0	1525.1	1519.7	28	0.1	0.5	-0.6	28	17.55	16.36	28	-0.11	-0.03	-0.26
500.	28	1523.0	1.8	1525.1	1516.3	25	-0.4	0.5	-1.0	28	16.89	14.85	26	-0.25	-0.02	-0.46
600.	27	1520.2	2.4	1525.3	1512.2	26	-1.3	-0.6	-3.0	27	15.52	13.18	26	-0.54	-0.33	-1.07
700.	27	1515.1	2.8	1520.2	1505.1	25	-1.7	-0.8	-2.5	27	13.56	10.76	25	-0.64	-0.37	-0.91
800.	27	1508.6	3.0	1513.0	1498.3	26	-2.4	-0.9	-4.1	27	11.27	8.53	26	-0.81	-0.40	-1.22
900.	25	1501.7	2.8	1506.8	1494.1	24	-1.9	2.4	-2.8	25	8.98	7.04	24	-0.62	0.58	-0.87
1000.	23	1496.8	2.7	1502.7	1489.4	22	-1.4	-0.6	-4.4	23	7.30	5.43	23	-0.49	-0.20	-1.39
1100.	22	1493.6	1.6	1495.9	1488.9	22	-0.6	-0.2	-1.2	23	6.09	4.90	23	-0.29	-0.14	-0.47
1200.	19	1492.4	1.3	1494.7	1489.3	18	-0.3	-0.1	-0.6	20	5.35	4.60	20	-0.19	-0.01	-0.30
1300.	18	1492.1	0.9	1493.8	1490.6	18	-0.1	0.5	-0.3	19	4.86	4.52	19	-0.14	-0.01	-0.21
1400.	18	1492.4	0.6	1493.3	1490.9	17	0.1	0.4	-0.2	19	4.53	4.21	18	-0.09	-0.02	-0.16
1500.	17	1493.0	0.6	1493.9	1491.5	17	0.2	0.5	-0.0	18	4.30	3.96	18	-0.07	-0.04	-0.13
1750.	14	1495.5	0.5	1496.2	1494.5	14	0.3	0.4	0.2	15	3.89	3.67	15	-0.05	-0.03	-0.08
2000.	10	1498.7	0.4	1499.2	1497.8	9	0.4	0.4	0.3	11	3.66	3.44	11	-0.03	-0.02	-0.04
2500.	6	1505.6	0.2	1505.9	1505.1	5	0.4	0.4	0.4	8	3.25	3.16	8	-0.02	-0.02	-0.03
3000.	1	1512.6	0.0	1512.6	1512.6	1	0.5	0.5	0.5	3	2.83	2.78	3	-0.03	-0.02	-0.03
4000.	1	1527.3	0.0	1527.3	1527.3	1	0.5	0.5	0.5	1	2.26	2.26	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 24 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1538.3	1.5	1540.6	1534.7	0	0.0	0.0	0.0	76	25.97	0.46	26.90	24.26	0	0.00	0.00	0.00
10.	15	1538.3	1.5	1540.8	1534.7	15	-0.2	0.6	-4.7	36	25.88	0.45	26.78	24.23	36	-0.29	0.06	-3.11
20.	15	1538.2	1.6	1540.8	1534.9	15	-0.2	0.9	-4.6	36	25.75	0.50	26.72	24.24	36	-0.37	0.06	-2.90
30.	15	1538.0	1.7	1541.0	1534.9	15	-1.1	0.6	-6.6	36	25.56	0.62	26.74	24.03	36	-0.81	0.09	-7.01
50.	15	1536.9	2.4	1540.3	1532.4	15	-4.3	0.7	-16.8	37	24.84	1.02	26.25	22.43	37	-2.77	0.06	-8.08
75.	16	1531.7	2.8	1536.9	1525.6	16	-5.2	0.5	-9.1	37	22.34	0.81	24.71	20.11	37	-2.34	-0.02	-3.60
100.	16	1528.3	3.1	1537.3	1523.3	15	-3.3	0.5	-7.4	37	20.75	0.88	24.72	19.11	37	-1.17	0.01	-2.93
125.	16	1526.2	2.9	1535.1	1522.7	16	-2.5	-0.7	-4.1	37	19.89	0.76	23.55	18.78	37	-1.00	-0.40	-1.73
150.	16	1524.6	2.3	1532.6	1522.5	16	-1.8	0.6	-8.5	37	19.21	0.59	22.30	18.55	37	-0.80	-0.10	-3.32
200.	16	1523.1	0.9	1526.2	1522.2	15	-0.4	0.8	-3.9	37	18.31	0.28	19.60	17.92	37	-0.15	-0.04	-1.65
250.	16	1523.0	0.5	1524.4	1522.4	16	0.1	0.4	-1.1	37	18.12	0.16	18.68	17.67	37	-0.09	-0.01	-0.56
300.	16	1523.2	0.2	1523.9	1522.9	16	0.2	0.8	-0.3	37	17.95	0.14	18.24	17.40	37	-0.10	-0.04	-0.27
400.	16	1523.6	0.3	1524.2	1522.9	16	0.1	0.6	-0.4	37	17.52	0.20	17.81	16.76	37	-0.11	-0.03	-0.30
500.	16	1523.2	0.7	1524.7	1522.1	15	-0.2	0.2	-1.3	37	16.90	0.34	17.44	15.52	37	-0.21	-0.10	-0.54
600.	16	1520.4	1.5	1523.0	1517.8	16	-1.2	-0.5	-2.1	36	15.57	0.58	16.37	13.58	36	-0.53	-0.32	-0.76
700.	16	1514.8	2.1	1517.2	1510.8	16	-1.9	-1.2	-3.7	36	13.51	0.72	14.15	10.34	36	-0.71	-0.16	-1.23
800.	16	1507.6	3.8	1511.4	1495.5	16	-2.4	-1.4	-4.7	36	11.05	0.82	12.04	7.81	36	-0.82	-0.37	-1.37
900.	16	1500.9	4.1	1505.3	1487.6	16	-1.8	-1.2	-2.5	36	8.76	0.80	9.96	5.41	36	-0.61	-0.47	-0.78
1000.	16	1496.2	2.9	1501.1	1487.8	15	-1.1	0.1	-1.9	36	7.16	0.55	8.39	5.05	36	-0.41	-0.11	-0.62
1100.	16	1493.5	2.0	1497.6	1488.4	16	-0.6	0.2	-1.1	35	6.05	0.36	7.07	4.81	35	-0.29	-0.07	-0.40
1200.	16	1492.5	1.5	1496.1	1489.7	15	-0.0	0.5	-0.4	34	5.35	0.26	6.28	4.72	34	-0.13	-0.02	-0.23
1300.	16	1492.5	1.1	1495.1	1490.4	16	0.0	0.4	-0.3	34	4.95	0.19	5.61	4.48	34	-0.12	-0.02	-0.20
1400.	16	1492.8	0.9	1494.5	1491.6	16	0.1	0.4	-0.2	34	4.61	0.15	5.06	4.37	34	-0.10	-0.02	-0.17
1500.	16	1493.3	0.9	1496.0	1492.5	16	0.2	0.5	0.1	34	4.33	0.15	5.00	4.18	34	-0.08	-0.02	-0.13
1750.	13	1495.5	0.3	1496.0	1494.7	12	0.3	0.4	0.2	31	3.83	0.10	4.04	3.67	31	-0.05	-0.02	-0.08
2000.	3	1498.8	0.2	1499.1	1498.7	3	0.4	0.4	0.4	6	3.67	0.04	3.73	3.62	6	-0.04	-0.03	-0.05
2500.	2	1505.4	0.2	1505.5	1505.2	2	0.4	0.4	0.4	2	3.21	0.04	3.23	3.18	2	-0.03	-0.03	-0.03
3000.	1	1511.8	0.0	1511.8	1511.8	1	0.5	0.5	0.5	1	2.70	0.00	2.70	2.70	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 25 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1533.4	5.3	1539.1	1521.0	0	0.0	0.0	0.0	20	24.32	1.77	25.98	18.89	0	0.00	0.00	0.00
10.	12	1531.5	4.2	1535.3	1521.2	12	-5.9	2.7	-13.1	20	23.19	1.33	24.41	18.91	20	-3.48	0.55	-5.67
20.	12	1529.6	3.4	1532.4	1521.4	12	-5.9	0.6	-10.1	20	22.14	1.02	23.13	18.92	20	-3.19	0.03	-4.48
30.	12	1527.7	2.7	1530.3	1521.5	12	-5.9	0.3	-8.5	20	21.20	0.80	22.20	18.93	20	-2.90	0.03	-3.81
40.	12	1524.5	2.0	1529.0	1521.9	12	-3.5	0.6	-7.3	41	19.83	0.53	21.55	18.93	40	-1.11	-0.61	-2.93
50.	12	1523.0	1.1	1524.8	1521.8	12	-1.8	-0.4	-5.1	41	19.14	0.31	19.83	18.68	41	-0.82	-0.33	-2.10
75.	12	1523.0	0.8	1523.5	1521.1	12	0.0	3.0	-0.9	41	18.66	0.20	19.15	18.37	41	-0.24	-0.08	-0.55
100.	12	1522.0	0.7	1523.7	1521.1	12	0.0	0.5	-0.5	41	18.51	0.16	19.08	18.24	41	-0.18	-0.06	-0.33
125.	12	1522.0	0.7	1523.8	1521.1	12	0.1	0.5	-0.2	41	18.37	0.14	19.00	18.11	41	-0.16	-0.01	-0.27
150.	12	1522.2	0.7	1523.9	1521.3	11	0.7	1.5	0.1	41	18.18	0.12	18.76	17.91	41	-0.02	0.14	-0.13
200.	12	1522.7	0.5	1523.8	1521.8	12	0.3	0.5	-0.1	41	18.10	0.09	18.44	17.81	41	-0.05	-0.01	-0.20
250.	12	1522.7	0.5	1523.8	1521.8	12	0.3	0.5	-0.1	41	17.95	0.09	18.25	17.71	41	-0.13	-0.06	-0.20
300.	13	1523.0	0.4	1524.0	1522.4	13	0.1	0.4	0.1	41	17.48	0.11	18.03	17.28	41	-0.08	-0.03	-0.26
400.	12	1523.2	0.6	1525.0	1522.6	12	0.1	0.4	-0.3	41	16.91	0.24	17.62	16.19	41	-0.31	-0.06	-0.61
500.	12	1522.5	1.3	1526.0	1520.8	12	-0.7	0.3	-1.4	41	15.37	0.27	15.87	14.45	40	-0.55	-0.04	-0.81
600.	12	1518.9	1.3	1520.7	1516.6	11	-1.3	-1.0	-2.1	41	13.48	0.40	15.02	12.49	41	-0.62	-0.43	-1.52
700.	12	1514.0	1.5	1516.2	1511.4	12	-1.7	-1.0	-2.2	41	11.21	0.32	11.69	9.92	40	-0.78	-0.51	-0.94
800.	12	1507.8	1.7	1509.9	1503.7	11	-2.2	-1.8	-2.7	41	8.96	0.26	9.36	7.73	40	-0.51	0.41	-0.77
900.	12	1501.4	1.6	1502.8	1496.9	10	-1.8	-1.2	-2.2	41	7.15	0.22	7.68	6.45	40	-0.52	-0.26	-0.65
1000.	12	1496.7	1.3	1498.3	1493.5	12	-1.4	-0.4	-3.0	41	5.91	0.24	6.48	5.54	41	-0.29	-0.16	-0.41
1100.	12	1493.9	1.3	1495.3	1491.5	12	-0.6	-0.3	-0.9	41	5.21	0.19	5.73	4.96	41	-0.17	-0.08	-0.27
1200.	12	1492.5	1.0	1494.0	1490.8	11	-0.2	0.2	-0.6	41	4.96	0.17	5.21	4.67	10	-0.15	-0.09	-0.20
1300.	10	1492.4	0.7	1493.5	1491.2	10	-0.1	0.1	-0.3	10	4.59	0.16	4.86	4.41	9	-0.11	-0.08	-0.16
1400.	10	1492.5	0.7	1493.7	1491.8	9	0.1	0.3	-0.2	10	4.30	0.15	4.55	4.11	9	-0.08	-0.03	-0.13
1500.	10	1493.0	0.6	1494.1	1492.2	9	0.2	0.4	0.1	10	4.00	0.10	4.25	3.75	6	-0.04	-0.03	-0.05
1750.	7	1495.5	0.4	1496.1	1494.9	6	0.3	0.4	0.3	7	3.69	0.10	4.04	3.52	6	-0.03	-0.03	-0.04
2000.	6	1498.6	0.3	1498.9	1498.1	6	0.4	0.5	0.4	6	3.62	0.08	3.70	3.27	2	-0.02	-0.02	-0.03
2500.	2	1505.8	0.1	1505.8	1505.7	2	0.4	0.5	0.4	2	3.29	0.02	3.30	2.89	2	-0.03	-0.03	-0.03
3000.	1	1512.6	0.0	1512.6	1512.6	1	0.4	0.4	0.4	1	2.89	0.00	2.89	2.89	1	-0.03	-0.03	-0.03
4000.	1	1527.6	0.0	1527.6	1527.6	1	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 25 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1537.0	3.5	1535.5	1528.2	0	0.0	0.0	0.0	9	25.22	1.40	26.15	21.65	0	0.00	0.00	0.00
10.	9	1537.0	3.5	1539.7	1528.2	9	0.1	0.9	-0.9	9	25.15	1.40	26.15	21.60	9	-0.18	0.10	-0.67
20.	9	1537.1	3.5	1539.9	1528.3	9	0.1	0.9	-1.5	9	25.10	1.40	26.16	21.56	9	-0.17	0.12	-0.91
30.	9	1537.1	3.5	1540.0	1528.4	9	0.1	1.2	-2.4	9	25.04	1.40	26.16	21.55	9	-0.17	0.15	-1.22
40.	9	1536.6	3.2	1539.1	1528.7	9	-3.3	6.1	-13.2	9	24.66	1.28	25.72	21.54	9	-1.68	2.13	-5.89
50.	9	1532.7	3.1	1537.3	1528.4	9	-6.8	-4.7	-11.5	9	22.87	1.22	24.67	21.27	9	-3.03	-2.17	-4.84
75.	9	1528.6	3.0	1532.5	1523.8	9	-3.5	-1.5	-6.0	9	21.09	1.12	22.57	19.32	9	-1.57	-0.76	-2.77
100.	9	1526.4	2.4	1529.7	1522.8	9	-2.6	-1.2	-3.4	9	20.10	0.85	21.30	18.82	9	-1.12	-0.61	-1.41
125.	9	1524.8	1.9	1527.7	1522.4	9	-1.5	-0.4	-2.9	9	19.40	0.67	20.39	18.54	9	-0.73	-0.17	-1.24
150.	9	1523.4	1.1	1524.9	1522.3	9	-0.6	0.4	-2.0	9	18.60	0.37	19.15	18.26	9	-0.38	-0.04	-0.87
200.	9	1522.9	0.3	1523.5	1522.4	9	-0.1	0.4	-0.9	9	18.18	0.13	18.39	18.00	9	-0.21	-0.03	-0.48
250.	9	1522.9	0.3	1523.5	1522.5	9	0.1	0.2	-0.2	9	17.91	0.12	18.14	17.77	9	-0.12	-0.06	-0.23
300.	9	1523.3	0.5	1523.8	1522.2	9	0.1	0.4	-0.3	9	17.49	0.17	17.64	17.15	9	-0.12	-0.04	-0.29
400.	9	1522.8	1.6	1524.2	1519.9	9	-0.3	0.3	-1.4	9	16.82	0.49	17.23	15.94	9	-0.24	-0.08	-0.57
500.	9	1519.9	2.7	1523.4	1515.2	8	-1.2	-0.4	-2.0	9	15.43	0.81	16.49	14.06	9	-0.51	-0.27	-0.73
600.	8	1514.2	3.6	1519.0	1508.0	7	-1.7	-1.2	-2.3	9	13.40	1.01	14.65	11.54	8	-0.64	-0.50	-0.79
700.	8	1507.7	4.1	1512.4	1501.1	7	-2.2	-1.6	-2.6	9	11.16	1.12	12.36	9.26	8	-0.72	-0.59	-0.86
800.	8	1501.4	4.0	1506.1	1495.5	8	-1.9	-1.5	-2.4	9	9.08	1.10	10.46	7.39	9	-0.63	-0.55	-0.77
900.	8	1496.6	3.4	1501.5	1491.5	8	-1.2	-0.4	-1.9	9	7.40	0.91	8.61	5.97	9	-0.44	-0.23	-0.63
1000.	8	1494.0	2.5	1497.4	1490.0	8	-0.7	-0.1	-1.2	9	6.24	0.61	7.01	5.20	9	-0.33	-0.16	-0.55
1100.	8	1492.4	1.6	1494.5	1490.0	7	-0.5	-0.3	-1.1	8	5.36	0.39	5.96	4.78	8	-0.22	-0.09	-0.39
1200.	7	1491.8	1.1	1493.3	1490.4	7	0.1	1.5	-0.4	7	4.81	0.27	5.16	4.47	7	-0.13	-0.08	-0.22
1300.	6	1492.3	1.0	1493.9	1491.2	6	0.1	0.3	-0.2	6	4.53	0.22	4.89	4.27	6	-0.09	-0.06	-0.16
1400.	5	1493.1	0.9	1494.5	1492.1	5	0.2	0.3	0.1	5	4.32	0.21	4.64	4.08	5	-0.07	-0.06	-0.11
1500.	3	1495.9	0.5	1496.4	1495.4	3	0.3	0.4	0.2	3	3.98	0.12	4.10	3.87	3	-0.05	-0.04	-0.06
1750.	2	1498.7	0.4	1498.5	1498.4	2	0.4	0.4	0.4	2	3.64	0.09	3.70	3.57	2	-0.03	-0.03	-0.03
2000.	1	1505.4	0.0	1505.4	1505.4	0	0.0	0.0	0.0	1	3.22	0.00	3.22	3.22	0	0.00	0.00	0.00
2500.	1	1512.2	0.0	1512.2	1512.2	1	0.4	0.4	0.4	1	2.80	0.00	2.80	2.80	1	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.29	0.00	2.29	2.29	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 33 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1530.4	4.4	1536.3	1526.2	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1528.6	3.4	1533.3	1525.3	6	-5.7	-3.0	-9.1	-9.1	7	-2.15	-1.35	-4.08
20.	6	1526.9	2.7	1530.5	1524.4	6	-4.9	-2.7	-6.5	-6.5	7	-1.77	-0.93	-3.51
30.	6	1525.4	2.6	1529.6	1523.6	6	-3.4	-2.4	-4.9	-4.9	7	-1.26	-0.37	-2.10
50.	6	1522.6	0.2	1523.0	1522.3	6	-4.7	-0.6	-10.2	-10.2	7	-1.65	-0.98	-3.99
75.	6	1521.7	0.5	1522.5	1521.2	6	-0.9	-0.4	-1.7	-1.7	7	-0.44	-0.18	-0.72
100.	6	1521.7	0.6	1522.5	1520.9	6	-0.2	-0.4	-0.4	-0.4	7	-0.24	-0.18	-0.33
125.	6	1521.6	0.5	1522.5	1521.0	6	-0.1	0.2	0.1	0.1	7	-0.16	-0.02	-0.24
150.	6	1521.7	0.5	1522.5	1521.0	5	0.1	0.2	0.1	0.1	7	-0.11	-0.09	-0.18
200.	6	1522.1	0.4	1522.6	1521.5	6	0.2	0.3	0.1	0.1	7	-0.12	-0.03	-0.30
250.	6	1522.2	1.2	1523.0	1519.9	6	0.1	0.4	-1.0	-1.0	7	-0.13	-0.02	-0.49
300.	6	1522.4	1.8	1523.6	1519.0	6	0.1	0.4	-0.5	-0.5	7	-0.12	-0.02	-0.34
400.	6	1522.3	3.6	1524.8	1516.1	4	0.4	0.5	0.2	0.2	7	-0.18	-0.02	-0.42
500.	6	1521.2	5.7	1525.1	1511.3	5	-0.3	0.3	-1.5	-1.5	7	-0.27	-0.06	-0.56
600.	6	1517.5	7.5	1523.2	1504.5	6	-1.6	-0.5	-2.6	-2.6	7	-0.62	-0.31	-0.87
700.	6	1512.3	8.5	1519.1	1498.9	6	-1.5	-1.2	-1.9	-1.9	7	-0.60	-0.50	-0.71
800.	6	1506.4	6.1	1513.9	1494.3	6	-2.0	-1.4	-2.8	-2.8	7	-0.68	-0.49	-0.93
900.	6	1500.3	6.3	1507.1	1492.0	5	-1.7	-0.7	-2.5	-2.5	7	-0.57	-0.30	-0.82
1000.	6	1495.2	4.0	1499.0	1490.0	4	-1.5	-0.5	-2.5	-2.5	7	-0.46	-0.22	-0.78
1100.	6	1492.2	2.2	1494.5	1489.1	6	-0.9	-0.2	-1.4	-1.4	7	-0.33	-0.15	-0.49
1200.	5	1490.7	1.4	1491.9	1488.9	4	-0.2	0.2	-0.9	-0.9	6	-0.14	-0.07	-0.33
1300.	5	1490.9	1.0	1491.7	1489.7	5	0.1	0.2	-0.1	-0.1	6	-0.11	-0.06	-0.14
1400.	5	1491.5	0.8	1492.2	1490.5	4	0.3	0.3	0.1	0.1	6	-0.07	-0.05	-0.10
1500.	5	1492.4	0.8	1493.2	1491.3	4	0.4	0.6	0.2	0.2	6	-0.04	-0.02	-0.06
1750.	5	1495.4	0.5	1496.0	1494.8	5	0.4	0.4	0.3	0.3	6	-0.03	-0.02	-0.05
2000.	5	1498.7	0.4	1499.1	1498.2	3	0.4	0.4	0.4	0.4	6	-0.02	-0.02	-0.03
2500.	5	1505.7	0.4	1506.1	1505.2	4	0.4	0.4	0.4	0.4	6	-0.03	-0.02	-0.03
3000.	4	1512.4	0.4	1512.7	1511.9	4	0.4	0.5	0.4	0.4	6	-0.03	-0.02	-0.03
4000.	1	1527.5	0.0	1527.5	1527.5	1	0.6	0.6	0.6	0.6	4	-0.01	-0.01	-0.01

SUMMARY FLOW LINE DEGREE SQUARE 34 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	5	1531.4	5.9	1538.5	1523.5	0	0.0	2.22	2.66	25.78	0	0.00	0.00	0.00	
10.	5	1529.4	4.2	1533.2	1523.4	5	-6.7	6.21	4.9	1.96	23.54	6	-2.27	-0.41	-6.83
20.	5	1527.5	3.1	1530.6	1523.2	5	-5.7	6.20	8.2	1.42	22.39	6	-2.04	-0.03	-5.46
30.	6	1526.2	2.1	1528.4	1523.0	6	-5.0	7.20	4.0	1.01	21.50	7	-1.81	-0.18	-3.51
50.	6	1523.7	1.2	1525.9	1522.4	6	-2.2	7.19	4.5	0.54	20.41	7	-0.98	-0.18	-2.14
75.	6	1522.4	0.6	1523.2	1521.2	6	-1.6	7.16	0.91	0.27	19.26	7	-0.67	-0.20	-1.40
100.	6	1521.5	0.6	1522.4	1520.4	6	-0.2	7.15	0.51	0.21	18.83	7	-0.26	-0.10	-0.59
125.	6	1521.5	0.6	1522.5	1520.5	6	0.0	7.14	0.39	0.21	18.72	7	-0.14	-0.02	-0.26
150.	6	1521.6	0.7	1522.6	1520.6	6	0.1	7.18	0.29	0.23	18.63	7	-0.13	-0.04	-0.24
200.	6	1521.6	0.8	1523.0	1520.9	6	0.1	7.18	0.07	0.26	18.48	7	-0.09	-0.06	-0.19
250.	6	1522.4	0.8	1523.6	1521.4	6	0.4	7.17	0.94	0.27	18.40	7	-0.06	-0.01	-0.17
300.	6	1522.4	0.9	1524.2	1521.8	6	0.4	7.17	0.87	0.31	18.34	7	-0.06	-0.07	-0.13
400.	6	1523.7	1.2	1525.5	1522.7	6	0.2	7.17	0.52	0.44	1.21	7	-0.12	-0.06	-0.21
500.	6	1523.6	1.7	1526.2	1521.6	6	-0.5	7.16	0.86	0.75	1.92	7	-0.30	-0.08	-0.46
600.	6	1521.4	2.9	1526.5	1518.2	6	-0.8	7.15	0.53	1.26	17.48	7	-0.45	-0.08	-0.66
700.	6	1517.3	3.8	1524.1	1513.4	6	-1.8	7.13	0.78	1.53	16.23	7	-0.62	-0.53	-0.75
800.	6	1511.3	3.4	1517.5	1508.2	6	-2.5	7.11	0.57	1.47	13.78	7	-0.76	-0.61	-0.87
900.	6	1504.4	3.2	1510.7	1501.4	6	-1.9	7.03	0.30	1.33	11.41	7	-0.62	-0.45	-0.77
1000.	6	1498.1	2.8	1504.2	1496.2	6	-1.4	7.54	0.98	9.20	5.91	7	-0.45	-0.20	-0.73
1100.	6	1495.1	2.0	1498.1	1491.7	6	-1.2	7.62	0.64	7.19	5.34	7	-0.39	-0.17	-0.61
1200.	6	1492.7	2.0	1494.4	1488.9	6	-0.3	7.53	0.49	5.46	4.55	7	-0.19	-0.03	-0.27
1300.	6	1492.0	1.1	1493.1	1489.9	6	-0.2	7.48	0.82	0.26	5.13	7	-0.16	-0.05	-0.22
1400.	6	1492.0	0.6	1492.7	1490.9	6	0.1	7.46	0.14	4.64	4.21	7	-0.10	-0.05	-0.15
1500.	6	1492.7	0.1	1493.3	1491.8	6	0.2	7.43	0.23	0.11	4.36	7	-0.07	-0.04	-0.09
1750.	1	1495.7	0.0	1495.7	1495.7	1	0.3	3.93	0.02	3.94	3.91	2	-0.04	-0.04	-0.05
2000.	1	1499.0	0.0	1499.0	1499.0	1	0.4	3.67	0.06	3.71	3.62	2	-0.03	-0.02	-0.03
2500.	1	1505.4	0.0	1505.8	1505.8	1	0.4	3.21	0.13	3.30	3.11	2	-0.03	-0.02	-0.03
3000.	1	1512.1	0.0	1512.1	1512.1	1	0.4	2.75	0.05	2.78	2.71	2	-0.03	-0.02	-0.04
4000.	1	1527.3	0.0	1527.3	1527.3	1	0.5	2.27	0.01	2.27	2.26	2	-0.00	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 35 OF MARSDEN SQUARE 115 FOR MONTHS 1-3

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	5	1523.1	1.1	1524.8	1521.9	0	0.0	0.0	0.0	7	19.60	0.49	20.34	18.91	0	0.00	0.00	0.00		
10.	5	1523.3	1.1	1525.0	1522.1	6	0.5	0.7	0.3	7	19.59	0.50	20.36	18.88	7	-0.03	0.06	-0.09		
20.	6	1523.4	1.1	1525.2	1522.2	6	0.3	0.6	0.3	7	19.57	0.52	20.38	18.83	7	-0.08	0.06	-0.20		
30.	6	1523.5	1.2	1525.5	1522.4	6	0.4	0.9	0.3	7	19.54	0.55	20.40	18.72	7	-0.11	0.06	-0.43		
50.	6	1523.8	1.3	1525.8	1522.7	5	0.4	0.5	0.2	7	19.48	0.60	20.38	18.52	7	-2.16	-0.02	-14.63		
75.	7	1523.7	1.2	1525.5	1522.6	7	0.1	0.6	-0.4	8	19.33	0.55	20.14	18.42	8	-0.13	-0.02	-0.30		
100.	7	1523.9	1.3	1525.9	1522.9	6	0.3	0.6	-0.5	8	19.26	0.56	20.11	18.39	7	-0.07	-0.04	-0.33		
125.	7	1524.0	1.4	1526.0	1522.7	7	0.2	1.5	-0.5	8	19.16	0.57	20.04	18.31	8	-0.14	0.01	-0.39		
150.	7	1523.7	1.1	1525.7	1522.4	7	-0.6	0.4	-2.6	9	18.91	0.46	19.75	18.22	8	-0.38	-0.11	-1.10		
200.	7	1523.1	1.1	1524.7	1521.5	6	-0.5	0.8	-1.5	8	18.47	0.39	19.05	17.98	7	-0.33	-0.13	-0.73		
250.	7	1522.9	1.2	1524.3	1521.0	7	-0.1	0.4	-0.9	8	18.14	0.39	18.66	17.55	8	-0.19	-0.02	-0.45		
300.	6	1523.3	1.0	1524.7	1522.4	5	0.1	0.3	0.3	7	17.98	0.36	18.49	17.64	6	-0.15	-0.08	-0.22		
400.	6	1523.6	1.1	1525.3	1522.4	6	0.2	0.4	0.1	7	17.50	0.42	18.16	16.94	7	-0.11	-0.03	-0.21		
500.	6	1523.1	1.4	1525.0	1521.6	5	-0.3	-0.2	-0.8	8	16.52	0.86	17.51	15.02	7	-0.39	-0.16	-0.91		
600.	6	1520.4	2.6	1524.1	1516.7	5	-0.8	-0.2	-1.5	8	15.05	1.19	16.72	13.31	7	-0.43	-0.20	-0.59		
700.	5	1515.6	4.7	1522.6	1509.9	5	-1.6	-0.5	-2.2	7	13.66	1.59	15.75	11.12	7	-0.62	-0.32	-0.78		
800.	5	1509.6	6.2	1519.3	1503.1	5	-2.4	-1.9	-3.0	7	10.88	1.81	14.26	9.07	7	-0.76	-0.62	-0.88		
900.	5	1502.5	5.6	1511.5	1497.1	5	-2.2	-1.8	-2.4	7	8.75	1.45	11.60	7.58	7	-0.63	-0.39	-0.81		
1000.	5	1497.2	4.4	1504.4	1493.6	5	-1.5	-0.5	-2.2	7	7.09	1.06	9.26	6.20	7	-0.48	-0.26	-0.71		
1100.	5	1493.7	2.2	1497.5	1492.1	5	-1.0	-0.5	-2.1	7	5.94	0.53	7.04	5.47	7	-0.35	-0.22	-0.68		
1200.	5	1492.0	0.7	1493.1	1491.3	5	-0.2	0.1	-0.7	7	5.15	0.21	5.52	4.90	7	-0.20	-0.11	-0.30		
1300.	4	1491.7	0.6	1492.4	1491.0	4	-0.1	0.1	-0.5	6	4.70	0.16	4.95	4.50	6	-0.13	-0.05	-0.23		
1400.	4	1492.2	0.5	1492.8	1491.7	4	0.2	0.3	0.2	6	4.46	0.12	4.64	4.30	6	-0.07	-0.05	-0.10		
1500.	4	1492.9	0.3	1493.3	1492.6	4	0.2	0.4	0.2	5	4.27	0.07	4.36	4.20	5	-0.06	-0.05	-0.09		
1750.	3	1495.5	0.4	1495.9	1495.1	3	0.3	0.4	0.3	4	3.89	0.08	3.99	3.79	4	-0.04	-0.02	-0.05		
2000.	2	1498.7	0.5	1499.0	1498.3	2	0.4	0.5	0.4	3	3.65	0.08	3.72	3.56	3	-0.02	-0.02	-0.03		
2500.	1	1505.7	0.0	505.7	1505.7	1	0.4	0.4	0.4	2	3.30	0.01	3.30	3.29	2	-0.03	-0.02	-0.03		
3000.	1	1512.2	0.0	1512.2	1512.2	1	0.4	0.4	0.4	2	2.80	0.01	2.81	2.79	2	-0.03	-0.03	-0.03		
4000.	1	1527.6	0.0	1527.6	1527.6	1	0.5	0.5	0.5	2	2.29	0.03	2.31	2.27	2	-0.01	-0.01	-0.01		

SUMMARY FOR ONE DEGREE SQUARE 35 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1532.4	6.5	1539.8	1519.5	0	0.0	0.0	0.0	0.0	19	23.78	1.56	26.50	18.39	0	0.00	0.00
10.	7	1530.5	5.1	1535.0	1519.7	7	-6.0	0.6	-14.6	0.6	19	23.01	1.27	24.33	18.39	19	-2.36	-6.61
20.	7	1528.8	4.1	1531.2	1519.8	7	-5.1	0.3	-11.6	0.3	19	22.34	1.12	23.82	18.39	19	-2.06	-5.12
30.	7	1527.7	3.5	1530.6	1520.0	7	-2.3	0.6	-4.6	0.6	19	21.79	1.05	23.68	18.40	19	-1.54	-2.44
50.	20	1525.4	1.9	1529.2	1520.3	16	-2.9	0.5	-4.3	0.5	120	20.54	0.82	22.35	18.40	97	-1.44	-3.33
75.	20	1523.3	1.4	1526.4	1520.7	20	-2.6	0.4	-5.1	0.4	124	19.57	0.78	21.90	18.40	124	-1.09	-2.44
100.	20	1521.8	1.1	1524.4	1520.5	20	-0.7	0.5	-2.9	0.5	124	18.93	0.74	21.76	18.09	124	-0.49	-3.00
125.	20	1521.7	0.9	1523.6	1520.6	20	-0.2	0.6	-1.0	0.6	124	18.62	0.50	20.01	18.01	124	-0.37	-2.39
150.	20	1521.6	0.7	1523.3	1520.7	20	-0.1	0.5	-0.9	0.5	124	18.37	0.34	19.15	17.86	124	-0.29	-0.72
200.	20	1521.7	0.6	1523.0	1520.9	20	0.1	1.0	-0.4	0.4	124	18.04	0.19	18.53	17.64	123	-0.11	-0.01
250.	20	1522.1	0.6	1523.5	1521.1	20	0.3	0.4	0.1	0.1	124	17.92	0.19	18.38	17.57	124	-0.07	-0.30
300.	20	1522.5	0.7	1524.0	1521.2	20	0.2	0.6	0.1	0.1	124	17.77	0.17	18.26	17.35	124	-0.11	-0.30
400.	20	1523.0	0.5	1523.9	1521.6	20	0.2	1.5	-0.0	0.5	124	17.45	0.11	17.73	16.95	123	-0.07	-0.01
500.	20	1522.7	0.9	1525.0	1521.3	20	-0.2	0.5	-0.8	0.5	124	17.00	0.34	17.50	16.34	124	-0.19	-0.00
600.	20	1520.2	1.7	1525.9	1517.9	20	-1.2	0.3	-4.1	0.3	124	16.00	0.83	17.43	14.83	124	-0.39	-0.01
700.	20	1515.1	2.4	1520.9	1509.6	20	-1.7	-1.0	-3.0	-2.3	123	14.26	1.07	16.58	11.99	123	-0.67	-0.25
800.	20	1509.1	2.6	1515.6	1503.6	20	-1.9	-1.5	-2.3	-2.3	123	12.66	0.98	14.31	9.92	123	-0.64	-0.47
900.	20	1503.0	2.9	1513.6	1498.9	20	-1.8	-0.6	-2.6	-2.6	123	10.05	1.28	12.56	8.26	122	-0.62	-0.03
1000.	20	1497.8	2.8	1509.1	1495.6	19	-1.5	-0.5	-3.0	-3.0	122	8.14	1.15	10.90	6.60	121	-0.59	-0.10
1100.	20	1494.3	1.7	1500.9	1492.7	20	-0.8	-0.2	-2.2	-2.2	120	6.62	0.69	9.06	5.86	120	-0.41	-0.17
1200.	20	1492.7	0.9	1495.5	1491.1	20	-0.3	0.1	-1.0	-1.0	116	5.60	0.34	6.37	5.05	116	-0.25	-0.61
1300.	18	1492.3	0.5	1493.7	1491.5	18	-0.0	0.3	-0.4	-0.4	86	4.98	0.17	5.42	4.73	86	-0.15	-0.03
1400.	10	1492.6	0.5	1493.5	1491.6	10	0.1	0.3	-0.1	-0.1	21	4.59	0.10	4.81	4.37	21	-0.10	-0.06
1500.	7	1493.1	0.5	1493.9	1492.4	7	0.1	0.3	0.1	0.1	7	4.31	0.11	4.50	4.17	7	-0.08	-0.15
1750.	3	1495.9	0.3	1496.1	1495.5	3	0.4	0.5	0.4	0.4	3	3.97	0.08	4.03	3.88	3	-0.02	-0.04
2000.	2	1499.4	0.2	1499.5	1499.2	2	0.3	0.3	0.2	0.2	2	3.60	0.05	3.83	3.76	2	-0.06	-0.08
2500.	2	1505.8	0.3	1506.0	1505.6	2	0.4	0.4	0.4	0.4	2	3.31	0.07	3.36	3.26	2	-0.03	-0.03
3000.	2	1512.8	0.7	1513.3	1512.3	2	0.4	0.4	0.4	0.4	2	2.94	0.15	3.04	2.83	2	-0.03	-0.03
4000.	2	1527.8	0.2	1527.9	1527.6	2	0.5	0.5	0.5	0.5	2	2.36	0.05	2.39	2.32	2	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 44 OF MARSDEN SQUARE 115 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1526.5	2.3	1529.5	1523.5	0	0.0	0.0	0.0	5	20.99	0.89	22.18	19.86	0	0.00	0.00	0.00
10.	5	1526.7	2.3	1526.7	1523.7	5	0.2	0.6	0.6	5	21.00	0.99	22.20	19.86	5	0.01	0.06	-0.08
20.	5	1526.8	2.3	1529.9	1523.9	5	0.4	1.0	0.9	5	21.00	0.89	22.21	19.87	5	-0.16	0.13	-0.91
30.	5	1526.8	2.2	1530.0	1524.1	5	-0.2	1.0	-3.0	5	20.94	0.85	22.19	19.88	5	-0.26	-0.06	-1.07
50.	5	1526.9	2.0	1529.9	1524.4	5	-0.1	0.7	-2.0	5	20.81	0.77	22.00	19.88	5	-0.22	0.04	-1.02
75.	5	1527.0	1.5	1529.0	1524.8	5	0.4	0.6	0.4	5	20.71	0.57	21.47	19.89	5	-0.06	-0.30	-0.30
100.	5	1527.3	1.4	1529.0	1525.2	5	0.3	0.5	0.4	5	20.67	0.53	21.34	19.89	5	-0.03	-0.01	-0.14
125.	5	1527.5	1.3	1529.2	1525.7	5	0.3	0.6	0.1	5	20.61	0.49	21.26	19.90	5	-0.04	0.01	-0.16
150.	5	1527.3	1.7	1529.1	1524.6	5	-0.6	-0.3	-1.4	5	20.35	0.62	21.05	19.40	5	-0.38	-0.13	-0.64
200.	5	1525.1	3.1	1527.7	1519.9	5	-1.9	-0.3	-3.3	5	19.27	1.06	20.18	17.52	5	-0.83	-0.34	-1.28
250.	5	1523.6	3.2	1526.2	1518.1	5	-0.7	-0.3	-1.3	5	18.43	1.05	19.33	16.65	5	-0.42	-0.30	-0.62
300.	5	1522.9	3.2	1525.1	1517.4	5	-0.3	-0.1	-0.4	5	17.93	1.02	18.67	16.16	5	-0.25	-0.22	-0.30
400.	5	1522.7	4.0	1525.0	1515.3	5	-0.0	0.5	-0.7	5	17.26	1.25	18.08	15.04	5	-0.15	-0.07	-0.36
500.	5	1521.7	5.3	1524.8	1512.2	5	-0.4	0.3	-0.9	5	16.52	1.61	17.47	13.65	5	-0.28	-0.08	-0.47
600.	5	1518.9	8.3	1524.5	1504.3	5	-1.4	-0.4	-2.9	5	15.21	2.39	16.86	11.00	5	-0.56	-0.28	-0.94
700.	5	1513.9	8.9	1519.9	1498.3	5	-1.7	-1.3	-2.3	5	13.25	2.46	14.96	8.94	5	-0.64	-0.55	-0.84
800.	5	1507.2	7.7	1512.7	1493.9	5	-2.2	-1.3	-2.8	5	10.91	2.04	12.39	7.39	5	-0.76	-0.47	-0.94
900.	5	1501.0	5.7	1505.9	1491.2	5	-1.8	-0.8	-2.4	5	8.82	1.41	10.11	6.30	5	-0.62	-0.32	-0.78
1000.	5	1496.2	3.9	1499.1	1489.4	5	-1.4	-0.5	-2.1	5	7.15	0.98	7.88	5.45	5	-0.49	-0.26	-0.68
1100.	5	1493.4	2.5	1495.6	1489.4	5	-0.8	0.0	-1.2	5	6.01	0.61	6.57	5.04	5	-0.32	-0.11	-0.42
1200.	5	1492.2	1.9	1494.2	1489.7	5	-0.2	0.3	-0.7	5	5.31	0.44	5.78	4.71	5	-0.18	-0.06	-0.29
1300.	5	1492.3	1.5	1493.9	1490.2	5	0.1	0.3	-0.1	5	4.93	0.37	5.30	4.43	5	-0.10	-0.06	-0.15
1400.	5	1492.8	1.3	1493.9	1490.9	5	0.2	0.8	0.2	5	4.65	0.30	4.92	4.20	5	-0.07	-0.06	-0.12
1500.	5	1493.5	0.9	1494.2	1492.1	5	0.2	0.4	0.1	5	4.42	0.21	4.60	4.09	5	-0.07	-0.03	-0.10
1750.	5	1496.0	0.4	1496.3	1495.3	5	0.3	0.4	0.2	5	4.01	0.10	4.10	3.84	5	-0.04	-0.03	-0.07
2000.	5	1499.1	C.3	1499.3	1498.6	4	0.4	0.4	0.4	5	3.75	0.07	3.80	3.63	5	-0.03	-0.02	-0.03
2500.	5	1506.0	C.3	1506.3	1505.4	5	0.4	0.4	0.3	5	3.35	0.09	3.43	3.21	5	-0.03	-0.02	-0.03
3000.	5	1512.6	0.2	1512.8	1512.2	5	0.4	0.4	0.4	5	2.89	0.06	2.94	2.79	5	-0.03	-0.03	-0.03
4000.	4	1527.7	0.2	1527.9	1527.6	3	0.5	0.5	0.5	4	2.33	0.03	2.37	2.30	3	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 115 FOR MONTHS 1- 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1526.9	1.2	1528.5	1525.2	0	0.0	0.0	0.0	0.0	8	20.52	21.80	18.24
10.	6	1527.1	1.2	1528.7	1525.4	6	0.6	1.5	0.6	0.6	8	20.52	1.31	21.81
20.	6	1527.3	1.2	1528.9	1525.5	6	0.3	0.8	0.8	0.5	8	20.51	1.33	21.83
30.	6	1527.5	1.2	1529.1	1525.6	6	0.5	1.5	0.5	0.8	8	20.51	1.32	21.82
50.	6	1527.6	1.4	1529.4	1525.8	6	-0.1	0.6	-2.0	-2.0	8	20.45	1.31	21.83
75.	6	1527.7	1.5	1529.3	1525.9	6	0.2	1.0	-1.2	-1.2	8	20.35	1.29	21.60
100.	6	1527.8	1.3	1529.5	1526.2	6	0.0	0.6	-1.4	-1.4	8	20.34	1.20	21.50
125.	6	1527.5	1.0	1529.1	1526.4	6	-0.5	0.3	-1.2	-1.2	8	20.04	1.07	21.19
150.	6	1527.1	0.8	1528.0	1526.3	6	-0.4	0.4	-1.3	-1.3	8	19.82	0.91	20.63
200.	6	1526.2	1.2	1527.9	1524.5	6	-0.7	0.6	-1.7	-1.7	8	19.30	0.72	20.26
250.	6	1525.2	1.4	1527.4	1523.3	6	-0.5	-0.3	-0.8	-0.8	8	18.76	0.58	19.77
300.	6	1524.7	1.0	1526.2	1523.4	6	-0.1	0.2	-0.3	-0.3	8	18.37	0.39	19.04
400.	6	1524.6	0.8	1525.6	1523.5	6	0.1	0.3	-0.1	-0.1	8	17.87	0.29	18.25
500.	6	1524.4	1.3	1525.8	1522.1	6	-0.1	0.3	-0.6	-0.6	8	17.29	0.49	17.79
600.	6	1521.7	2.3	1523.8	1517.8	6	-2.0	-0.5	-4.9	-4.9	8	15.95	0.79	16.88
700.	6	1515.7	2.9	1519.6	1511.7	6	-1.5	-0.1	-2.4	-2.4	8	13.73	0.96	15.31
800.	6	1509.4	3.8	1514.4	1504.9	6	-2.1	-0.7	-2.7	-2.7	8	11.41	1.02	12.88
900.	6	1502.4	3.9	1507.2	1497.6	6	-2.0	-1.2	-2.6	-2.6	8	9.16	0.96	10.45
1000.	6	1497.1	3.0	1500.4	1492.3	6	-1.5	-0.6	-2.3	-2.3	8	7.40	0.71	8.23
1100.	6	1493.6	1.6	1495.2	1490.7	6	-0.9	0.1	-1.6	-1.6	8	6.16	0.41	6.79
1200.	6	1492.2	0.7	1493.2	1491.0	5	-0.3	0.1	-0.4	-0.4	8	5.36	0.20	5.69
1300.	6	1491.9	0.3	1492.5	1491.5	6	-0.0	0.2	-0.2	-0.2	8	4.86	0.09	4.99
1400.	6	1492.4	0.1	1492.6	1492.1	6	0.2	0.3	0.2	0.2	8	4.58	0.07	4.73
1500.	6	1493.2	0.2	1493.5	1492.7	6	0.3	0.5	0.2	0.2	8	4.36	0.09	4.51
1750.	6	1496.0	0.2	1496.2	1495.6	6	0.4	0.4	0.4	0.3	8	4.00	0.05	4.07
2000.	6	1499.3	0.2	1499.6	1499.0	6	0.4	0.5	0.4	0.4	8	3.75	0.10	3.86
2500.	6	1506.2	0.1	1506.4	1505.9	5	0.4	0.4	0.4	0.4	8	3.33	0.16	3.45
3000.	5	1512.7	0.2	1512.9	1512.4	5	0.4	0.4	0.4	0.4	7	2.90	0.22	2.96
4000.	3	1527.7	0.2	1527.9	1527.6	3	0.5	0.5	0.5	0.5	3	2.35	0.03	2.39
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	2.29	0.00	2.29

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 115 FOR MONTHS 4-- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1534.7	2.1	1537.1	1532.1	0	0.0	0.0	0.0	24	24.47	0.68	25.30	23.25	0	0.00	0.00	0.00
10.	4	1533.2	2.1	1535.0	1530.3	4	-4.8	-3.0	-6.4	24	23.72	0.67	24.49	22.36	24	-2.29	-0.64	-4.08
20.	4	1531.7	2.2	1533.5	1528.7	4	-4.6	-3.0	-6.1	24	23.03	0.77	24.16	21.48	24	-2.11	-0.94	-3.44
30.	4	1530.3	2.3	1532.6	1527.1	4	-4.2	-2.7	-5.5	24	22.40	0.77	23.71	20.72	24	-1.93	-1.01	-2.83
50.	15	1525.8	2.3	1530.7	1522.8	13	-3.5	-1.5	-6.7	154	20.57	0.88	22.47	19.24	130	-1.44	-0.56	-2.74
75.	15	1523.5	2.4	1528.5	1520.4	15	-2.8	-1.8	-5.4	155	19.59	0.86	21.27	18.31	155	-1.19	0.02	-2.17
100.	15	1522.2	2.1	1526.5	1519.8	15	-0.9	-0.2	-3.0	155	18.94	0.77	20.44	17.95	155	-0.44	-0.06	-1.24
125.	15	1521.8	1.5	1524.7	1519.9	15	-0.4	0.2	-2.2	155	18.63	0.56	19.76	17.85	155	-0.38	-0.02	-0.96
150.	15	1521.5	1.0	1523.4	1520.0	15	-0.3	0.2	-1.6	155	18.37	0.40	19.50	17.75	155	-0.31	-0.01	-0.78
200.	15	1521.5	0.5	1522.4	1520.6	15	0.2	0.8	0.1	155	18.04	0.23	18.84	17.67	155	-0.11	-0.01	-3.73
250.	15	1522.1	0.5	1523.0	1521.4	15	0.3	0.5	0.2	155	17.91	0.44	18.37	13.25	155	-0.08	-0.01	-2.72
300.	15	1522.5	0.4	1523.3	1522.0	15	0.2	0.5	-0.3	155	17.77	0.48	18.19	12.27	155	-0.10	2.56	-0.88
400.	15	1523.1	0.3	1523.6	1522.4	15	0.3	0.8	0.1	155	17.44	0.15	17.81	16.82	155	-0.08	0.44	-0.47
500.	15	1523.4	1.4	1525.0	1521.1	15	-0.2	0.5	-1.0	155	17.03	0.44	17.51	16.07	155	-0.18	-0.01	-0.61
600.	15	1521.8	2.8	1526.5	1518.1	15	-0.9	0.4	-3.0	155	16.11	0.91	17.51	14.17	155	-0.37	0.04	-0.89
700.	15	1517.6	3.6	1524.7	1514.0	15	-1.7	-1.1	-3.0	155	14.47	1.13	17.82	12.20	155	-0.59	0.15	-1.14
800.	15	1511.9	3.8	1519.4	1507.7	15	-1.9	-0.8	-2.7	155	12.37	1.11	15.20	10.44	155	-0.65	-0.19	-1.43
900.	15	1505.9	4.4	1513.5	1501.5	15	-2.0	0.3	-3.0	155	10.31	1.26	12.76	8.57	153	-0.63	-0.05	-1.03
1000.	15	1500.0	3.9	1508.7	1495.7	15	-1.9	-1.2	-3.0	155	8.31	1.09	11.27	6.98	155	-0.62	0.27	-1.28
1100.	15	1495.5	2.3	1499.6	1493.1	15	-1.3	-0.3	-3.0	153	6.69	0.61	8.69	5.86	153	-0.43	-0.13	-1.92
1200.	14	1493.5	1.0	1495.6	1492.4	14	-0.3	0.2	-1.0	145	5.71	0.30	7.02	5.16	145	-0.24	-0.02	-0.46
1300.	10	1492.8	0.5	1493.8	1492.1	10	-0.1	0.1	-0.5	89	5.07	0.15	5.57	4.81	89	-0.17	-0.08	-0.49
1400.	2	1492.6	0.2	1492.7	1492.4	1	0.1	0.1	0.1	10	4.58	0.09	4.72	4.44	9	-0.14	-0.09	-0.19
1500.	1	1493.5	0.0	1493.5	1493.5	1	0.2	0.2	0.2	2	4.32	0.13	4.41	4.23	2	-0.09	-0.07	-0.13
1750.	1	1495.6	0.0	1495.6	1495.6	1	0.3	0.3	0.3	1	3.90	0.00	3.90	3.90	1	-0.07	-0.07	-0.37
2000.	1	1498.9	0.0	1498.9	1498.9	1	0.5	0.5	0.5	1	3.69	0.00	3.69	3.69	1	0.00	0.00	0.00
5000.	1	1505.7	0.0	1505.7	1505.7	1	0.4	0.4	0.4	1	3.29	0.00	3.29	3.29	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1536.8	1.1	1538.8	1535.4	0	0.0	0.0	0.0	24.55	0	0.00	0.00	0.00
10.	9	1536.7	0.8	1538.0	1535.7	9	-0.2	0.6	-4.4	24.60	9	-0.33	0.18	-2.37
20.	9	1536.3	1.0	1538.2	1535.3	9	-1.4	0.6	-4.6	24.34	9	-0.79	-0.03	-2.26
30.	9	1535.0	1.9	1538.3	1532.8	9	-3.7	0.6	-9.8	23.22	9	-1.76	-0.06	-4.30
50.	9	1530.3	1.7	1534.0	1528.2	9	-6.6	-4.0	-10.4	21.28	9	-2.91	-1.83	-4.42
75.	9	1526.8	1.8	1529.7	1523.7	9	-3.9	-2.1	-7.1	19.45	9	-1.63	-0.96	-2.78
100.	9	1524.9	1.5	1526.9	1521.9	9	-2.3	-1.5	-3.4	18.68	9	-1.00	-0.61	-1.50
125.	9	1523.7	1.0	1524.8	1521.5	9	-1.4	-0.5	-2.6	18.38	9	-0.63	-0.37	-1.15
150.	9	1523.1	0.7	1523.8	1521.3	9	-0.8	-0.2	-1.5	18.16	9	-0.44	-0.24	-0.68
200.	9	1522.9	0.7	1523.3	1521.2	9	0.1	0.4	-0.1	17.89	9	-0.13	-0.05	-0.22
250.	8	1523.7	0.3	1524.0	1523.1	8	0.3	0.5	0.1	18.54	8	-0.05	-0.01	-0.12
300.	8	1524.3	0.4	1524.7	1523.5	8	0.4	0.6	0.2	18.12	8	-0.03	0.01	-0.04
400.	8	1525.3	0.5	1525.8	1524.5	8	0.3	0.4	0.1	17.90	8	-0.07	-0.04	-0.11
500.	8	1525.6	0.8	1526.4	1524.1	8	0.0	0.3	-0.5	17.22	8	-0.17	-0.08	-0.39
600.	8	1524.3	1.7	1525.4	1521.0	7	-0.5	-0.1	-1.1	15.77	8	-0.41	-0.20	-1.08
700.	8	1520.6	2.1	1522.2	1516.3	7	-1.2	-0.9	-1.7	13.90	7	-0.52	-0.45	-0.62
800.	8	1514.7	2.3	1517.2	1509.8	6	-2.0	-1.5	-2.7	11.60	7	-0.73	-0.59	-0.94
900.	8	1507.6	2.4	1509.6	1502.3	6	-2.2	-2.0	-2.4	9.14	7	-0.58	0.44	-0.80
1000.	8	1501.0	2.2	1503.3	1495.8	8	-2.0	-1.6	-2.3	7.04	8	-0.66	-0.57	-0.75
1100.	8	1495.2	1.5	1496.6	1491.8	8	-1.7	-0.6	-2.0	5.65	8	-0.55	-0.27	-0.66
1200.	8	1492.2	0.7	1493.0	1490.5	7	-0.9	-0.4	-1.2	4.93	7	-0.35	-0.22	-0.44
1300.	8	1491.6	0.5	1491.8	1490.4	8	-0.1	0.1	-0.4	4.53	8	-0.16	-0.10	-0.21
1400.	8	1492.1	0.5	1492.7	1491.0	8	0.2	0.3	0.1	4.24	8	-0.09	-0.06	-0.11
1500.	8	1492.9	0.4	1493.3	1492.1	7	0.2	0.3	0.2	3.80	7	-0.06	-0.04	-0.09
1750.	8	1496.1	0.5	1496.1	1495.1	8	0.4	0.4	0.4	3.07	8	-0.03	-0.02	-0.04
2000.	8	1499.1	0.3	1499.4	1498.4	7	0.4	0.4	0.4	3.82	8	-0.03	-0.02	-0.03
2500.	8	1506.2	0.0	1506.3	1505.8	8	0.4	0.5	0.4	3.44	8	-0.02	-0.01	-0.02
3000.	8	1512.9	0.1	1513.1	1512.8	7	0.4	0.5	0.4	3.00	7	-0.03	-0.02	-0.03
4000.	7	1527.7	0.0	1527.8	1527.6	7	0.5	0.5	0.5	2.32	7	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1532.2	2.4	1534.6	1529.8	0	0.0	0.0	0.0	6	23.25	0.99	24.28	22.26	0	0.00	0.00	0.00
10.	6	1532.4	2.4	1534.8	1529.9	6	0.4	0.6	0.3	6	23.25	1.00	24.28	22.24	6	-0.02	-0.03	-0.06
20.	6	1532.5	2.5	1535.0	1530.0	6	0.5	0.8	0.3	6	23.26	1.03	24.31	22.22	6	0.06	0.18	-0.06
30.	6	1532.7	2.6	1535.3	1530.2	6	0.3	0.9	0.3	6	23.26	1.04	24.34	22.22	6	-0.01	0.09	-0.12
50.	6	1533.0	2.5	1535.5	1530.3	6	0.3	0.8	0.3	6	23.23	1.04	24.31	22.14	6	-0.02	0.15	-0.11
75.	6	1533.1	2.6	1536.0	1530.3	6	0.3	0.6	-2.5	6	23.14	1.05	24.33	21.96	6	-0.25	0.07	-1.22
100.	6	1532.1	3.4	1536.1	1527.7	6	-1.9	-0.2	-4.3	6	22.52	1.37	24.20	20.77	6	-0.97	-0.32	-1.84
125.	6	1530.3	4.0	1535.6	1524.9	6	-2.2	-0.5	-5.8	6	21.65	1.57	23.75	19.60	6	-1.06	-0.48	-2.41
150.	6	1527.4	2.9	1531.3	1523.1	6	-3.6	-2.0	-6.5	6	20.37	1.06	21.83	18.82	6	-1.55	-0.89	-2.76
200.	6	1524.6	1.6	1526.7	1522.2	6	-1.1	-0.9	-1.8	6	19.05	0.57	19.80	18.23	6	-0.55	-0.20	-0.84
250.	6	1523.5	1.1	1525.1	1522.2	6	-0.5	0.2	-1.2	6	18.40	0.37	18.95	17.95	6	-0.35	-0.12	-0.58
300.	6	1523.4	0.7	1524.3	1522.5	6	0.0	0.2	-0.3	6	18.06	0.25	18.38	17.77	6	-0.16	-0.10	-0.27
400.	6	1523.8	0.4	1524.4	1523.3	6	0.1	0.4	0.1	6	17.67	0.15	17.85	17.51	6	-0.10	-0.01	-0.14
500.	6	1523.7	0.6	1524.4	1522.8	6	-0.2	0.3	-0.7	6	17.11	0.20	17.34	16.84	6	-0.22	-0.06	-0.39
600.	6	1521.7	1.2	1523.2	1520.2	6	-0.9	-0.2	-1.5	6	15.99	0.36	16.44	15.53	6	-0.45	-0.21	-0.67
700.	6	1516.3	1.2	1517.9	1514.4	6	-1.8	-1.3	-2.3	6	13.89	0.35	14.35	13.36	6	-0.68	-0.53	-0.81
800.	6	1509.7	1.9	1512.4	1506.9	6	-2.1	-1.7	-2.3	6	11.57	0.52	12.31	10.82	6	-0.73	-0.70	-0.76
900.	4	1501.6	1.7	1502.9	1499.1	4	-2.4	-2.0	-2.6	4	8.96	0.44	9.31	8.32	4	-0.77	-0.68	-0.84
1000.	3	1495.4	2.5	1496.9	1492.6	3	-1.3	-0.7	-1.7	3	6.95	0.61	7.32	6.25	3	-0.46	-0.28	-0.56
1100.	3	1493.0	1.7	1494.0	1491.0	3	-0.6	-0.4	-0.9	3	5.93	0.42	6.18	5.44	3	-0.23	-0.23	-0.35
1200.	3	1491.9	1.3	1493.0	1490.4	3	-0.2	0.2	-0.5	3	5.24	0.33	5.51	4.88	3	-0.18	-0.38	-0.25
1300.	3	1492.0	0.8	1492.5	1491.0	3	0.0	0.2	-0.2	3	4.86	0.19	4.97	4.64	3	-0.12	-0.07	-0.16
1400.	3	1492.4	0.6	1492.8	1491.8	3	0.2	0.2	0.1	3	4.56	0.12	4.64	4.42	3	-0.09	-0.07	-0.10
1500.	3	1493.1	0.3	1493.3	1492.7	3	0.2	0.4	0.2	3	4.32	0.07	4.37	4.24	3	-0.07	-0.04	-0.09
1750.	3	1495.8	0.2	1495.9	1495.6	3	0.4	0.4	0.4	3	3.97	0.03	3.99	3.94	3	-0.03	-0.03	-0.04
2000.	3	1499.0	0.2	1499.1	1498.8	3	0.4	0.4	0.3	3	3.72	0.03	3.75	3.69	3	-0.03	-0.02	-0.03
2500.	3	1505.9	0.2	1506.1	1505.7	3	0.4	0.4	0.4	3	3.35	0.05	3.38	3.29	3	-0.02	-0.02	-0.02
3000.	3	1512.6	0.2	1512.8	1512.4	3	0.4	0.4	0.4	3	2.90	0.04	2.94	2.86	3	-0.03	-0.03	-0.03
4000.	2	1527.7	0.1	1527.7	1527.6	2	0.5	0.5	0.5	2	2.35	0.02	2.36	2.33	2	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 46 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1524.8	5.5	1535.6	1519.4	0	0.0	0.0	0.0	10	23.20	1.98	25.10	18.38	0	0.00	0.00	0.00
10.	6	1529.2	5.0	1534.1	1519.6	6	-2.0	0.9	-8.1	10	22.73	1.72	24.13	18.37	10	-1.48	-0.03	-3.42
20.	6	1528.4	4.6	1532.7	1519.7	6	-2.3	0.3	-6.4	10	22.24	1.53	23.36	18.36	10	-1.49	-0.03	-2.83
30.	6	1527.0	3.9	1531.4	1519.8	6	-4.9	0.3	-8.5	11	21.58	1.30	22.75	18.34	10	-2.03	-0.06	-3.54
50.	6	1524.5	3.0	1529.0	1520.1	6	-2.9	0.5	-6.9	12	20.88	0.90	21.71	18.32	27	-1.44	-0.03	-3.29
75.	6	1523.1	2.1	1526.7	1520.4	6	-1.7	0.4	-2.8	33	20.02	0.84	21.30	18.20	33	-1.01	-0.02	-1.89
100.	6	1522.3	1.5	1524.9	1520.8	6	-0.3	0.5	-1.0	33	19.40	0.68	21.01	18.21	33	-0.59	-0.02	-1.05
125.	6	1522.2	1.0	1523.8	1521.2	6	-0.1	0.5	-1.3	33	18.97	0.49	20.09	18.01	33	-0.51	-0.01	-1.12
150.	6	1522.2	0.7	1523.1	1521.5	6	-0.1	0.5	-1.1	33	18.63	0.34	19.31	17.88	33	-0.42	-0.07	-0.95
200.	6	1522.2	0.4	1522.8	1521.6	6	0.2	0.6	-0.2	33	18.16	0.17	18.46	17.71	33	-0.12	0.46	-0.66
250.	6	1522.6	0.4	1523.0	1521.9	6	0.3	0.4	-0.1	33	18.06	0.20	18.69	17.68	33	-0.05	0.29	-0.18
300.	6	1522.9	0.7	1523.7	1521.7	6	0.1	0.4	-0.4	33	17.92	0.21	18.67	17.51	33	-0.18	-0.03	-0.61
400.	6	1523.1	1.5	1525.0	1520.5	5	0.1	0.3	-0.3	33	17.51	0.20	18.04	16.61	33	-0.05	-0.01	-0.30
500.	6	1522.9	2.9	1526.2	1518.2	6	-0.1	0.4	-0.9	33	17.32	0.43	17.91	15.42	33	-0.09	0.02	-0.42
600.	6	1520.8	4.0	1524.6	1514.4	6	-0.8	-0.6	-1.6	33	16.74	0.80	17.43	13.81	33	-0.30	-0.02	-0.61
700.	6	1516.5	4.4	1521.6	1509.9	6	-1.2	-0.8	-2.4	33	14.93	0.81	16.10	12.06	33	-0.75	-0.40	-1.13
800.	6	1510.4	4.2	1514.8	1504.9	6	-1.9	-0.7	-2.3	33	12.82	0.78	13.58	10.26	33	-0.50	-0.20	-0.82
900.	6	1504.8	5.1	1512.8	1498.8	6	-1.6	-1.5	-2.5	32	11.42	1.25	12.53	8.22	32	-0.36	-0.03	-0.82
1000.	6	1499.4	4.8	1507.9	1494.4	6	-1.7	-0.7	-2.9	32	9.42	1.20	10.68	6.68	32	-0.80	-0.30	-1.24
1100.	6	1495.5	2.8	1500.0	1492.1	6	-1.1	-0.6	-2.1	32	7.29	0.65	8.40	5.71	32	-0.59	-0.16	-0.89
1200.	6	1493.3	1.6	1495.4	1491.1	6	-0.3	0.1	-1.1	31	5.94	0.30	6.68	5.05	31	-0.33	-0.08	-0.72
1300.	5	1492.6	0.6	1493.3	1491.8	5	-0.1	0.2	-0.5	13	5.21	0.20	5.47	4.81	13	-0.19	-0.07	-0.33
1400.	5	1492.8	0.3	1493.3	1492.4	5	0.2	0.4	0.1	6	4.69	0.12	4.89	4.57	6	-0.09	-0.06	-0.14
1500.	5	1493.4	0.3	1493.9	1493.1	5	0.2	0.2	0.2	5	4.41	0.07	4.52	4.32	5	-0.07	-0.06	-0.08
1750.	4	1493.8	0.3	1496.1	1495.5	4	0.3	0.3	0.3	4	3.96	0.07	4.04	3.89	4	-0.05	-0.05	-0.06
2000.	2	1499.2	0.4	1499.4	1498.9	2	0.5	0.5	0.4	2	3.75	0.07	3.80	3.70	2	-0.03	-0.03	-0.03
2500.	1	1506.3	0.0	1506.3	1506.3	1	0.4	0.4	0.4	1	3.43	0.00	3.43	3.43	1	-0.02	-0.02	-0.02
3000.	1	1513.0	0.0	1513.0	1513.0	1	0.4	0.4	0.4	1	2.98	0.00	2.98	2.98	1	-0.03	-0.03	-0.03
4000.	1	1528.0	0.0	1528.0	1528.0	1	0.5	0.5	0.5	1	2.41	0.00	2.41	2.41	1	-0.01	-0.01	-0.01
5000.	1	1545.4	0.0	1545.4	1545.4	1	0.5	0.5	0.5	1	2.32	0.00	2.32	2.32	1	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 46 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
5	1530.7	4.3	1537.9	1526.4	0	0	23.10	1.87	25.74	20.99	0	0.00	0.00	0.00
10	1530.9	4.3	1538.0	1526.6	5	0.6	23.09	1.87	25.74	20.99	6	-0.01	-0.03	-0.03
20	1531.1	4.3	1538.2	1526.7	5	0.4	23.09	1.87	25.74	20.99	6	-0.01	0.03	-0.03
30	1531.2	4.3	1538.4	1526.9	5	0.6	23.09	1.85	25.75	20.99	6	0.02	0.06	0.03
50	1531.6	4.3	1538.7	1527.3	5	0.5	23.10	1.87	25.74	21.00	6	-0.05	0.02	-0.15
75	1531.8	4.0	1538.3	1527.7	5	0.3	22.28	1.64	25.27	20.66	6	-0.34	0.05	-1.52
100	1530.8	3.4	1536.1	1527.7	5	-2.8	21.60	1.55	24.08	19.58	6	-1.28	-1.30	-2.98
125	1528.2	3.2	1532.5	1523.6	5	-2.3	20.55	1.26	22.41	19.11	6	-1.11	0.01	-2.13
150	1526.6	2.8	1529.4	1522.4	5	-1.9	19.84	1.07	21.05	18.56	6	-0.80	-0.12	-1.41
200	1524.7	2.5	1528.2	1521.9	5	-1.4	18.91	0.88	20.34	18.10	6	-0.63	-0.19	-1.65
250	1523.7	1.5	1525.3	1522.0	5	-0.2	18.35	0.51	18.98	17.86	6	-0.18	-0.07	-0.37
300	1523.6	1.4	1525.5	1522.3	5	-0.1	18.05	0.46	18.77	17.66	6	-0.21	-0.11	-0.30
400	1523.7	0.6	1524.7	1523.0	5	0.2	17.56	0.25	17.95	17.23	6	-0.11	-0.02	-0.21
500	1523.7	1.3	1524.5	1521.4	4	-0.3	16.93	0.52	17.34	16.15	5	-0.29	-0.12	-0.61
600	1521.2	2.3	1524.1	1516.7	5	-1.0	15.60	0.95	16.70	14.41	6	-0.47	-0.31	-0.59
700	1517.1	3.3	1520.5	1511.0	5	-1.3	13.84	1.21	15.10	12.38	6	-0.55	-0.42	-0.67
800	1511.1	4.6	1515.9	1504.4	4	-2.0	11.66	1.38	13.30	10.08	6	-0.70	-0.52	-0.89
900	1505.6	3.1	1509.0	1502.7	4	-2.2	9.62	1.11	10.93	8.09	5	-0.72	-0.61	-0.84
1000	1498.2	3.2	1502.6	1496.3	3	-1.9	7.70	1.03	8.81	6.55	4	-0.54	-0.35	-0.64
1100	1497.0	1.3	1497.9	1496.1	2	-1.4	6.45	0.84	7.15	5.51	3	-0.44	-0.32	-0.51
1200	1494.3	0.1	1494.3	1494.2	2	-0.8	5.48	0.58	5.84	4.81	3	-0.23	-0.06	-0.43
1300	1493.4	0.1	1493.4	1493.3	2	-0.1	4.98	0.33	5.19	4.60	3	-0.12	-0.06	-0.19
1400	1493.6	0.0	1493.6	1493.6	2	0.1	4.68	0.24	4.85	4.40	3	-0.09	-0.06	-0.10
1500	1494.1	0.1	1494.1	1494.0	2	0.1	4.53	0.05	4.56	4.49	2	-0.09	-0.09	-0.09
1750	1496.0	0.0	1496.0	1496.0	1	0.3	4.04	0.04	4.07	4.01	2	-0.05	-0.05	-0.06
2000	1498.9	0.0	1498.9	1498.9	1	0.4	3.72	0.03	3.74	3.70	2	-0.04	-0.04	-0.04

SUMMARY FOR ONE DEGREE SQUARE 49 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1528.9	1.5	1530.3	1527.1	0	0.0	0.0	0.0	7	21.86	0.87	23.20	20.62	0	0.00	0.00	0.00
10.	5	1528.9	1.4	1530.4	1527.3	5	0.4	0.6	0.3	7	21.86	0.89	23.26	20.60	7	0.00	0.18	-0.07
20.	5	1529.0	1.4	1530.4	1527.4	5	0.4	0.6	0.3	7	21.87	0.90	23.31	20.61	7	0.02	0.15	-0.06
30.	5	1529.2	1.4	1530.5	1527.6	5	0.5	0.6	0.3	7	21.87	0.91	23.35	20.62	7	0.00	0.12	-0.06
50.	5	1529.5	1.5	1530.8	1527.8	5	0.4	0.7	0.3	7	21.86	0.92	23.38	20.64	7	-0.03	-0.08	-0.10
75.	5	1529.8	1.4	1531.0	1528.2	5	0.4	0.5	0.2	7	21.84	0.91	23.37	20.63	7	-0.03	0.04	-0.12
100.	5	1529.4	1.4	1530.6	1527.2	5	-0.8	0.5	-2.1	7	21.32	0.89	22.34	19.75	7	-1.84	0.01	-3.53
125.	5	1527.7	1.4	1529.3	1525.4	5	-2.1	-1.2	-3.3	7	20.33	1.13	21.21	18.00	7	-1.05	-0.67	-1.50
150.	5	1526.2	1.7	1528.3	1523.7	5	-1.8	-1.2	-2.8	7	19.63	1.02	20.68	17.64	7	-0.82	-0.24	-1.23
200.	5	1524.4	1.4	1526.2	1522.6	5	-1.1	-0.5	-1.4	7	18.78	0.74	19.61	17.35	7	-0.48	-0.11	-0.67
250.	5	1523.8	0.9	1524.9	1522.5	5	-0.1	0.3	-0.3	6	18.47	0.29	18.84	18.03	6	-0.20	-0.09	-0.29
300.	5	1523.8	0.8	1524.7	1522.9	5	0.0	0.1	-0.1	6	18.18	0.24	18.50	17.89	6	-0.13	-0.13	-0.25
400.	5	1524.7	0.9	1525.6	1523.8	5	0.3	0.6	0.2	6	17.85	0.32	18.25	17.46	6	-0.05	-0.13	-0.17
500.	5	1524.9	0.8	1526.0	1523.9	5	-0.1	0.3	-0.6	6	17.35	0.38	17.83	16.73	6	-0.26	-0.08	-0.61
600.	5	1523.4	1.0	1525.0	1522.5	5	-0.5	-0.3	-0.9	6	16.25	0.69	17.00	14.97	6	-0.36	-0.25	-0.54
700.	5	1519.5	1.4	1522.3	1518.4	5	-1.5	-1.2	-1.7	6	14.48	0.94	15.67	12.77	6	-0.63	-0.52	-0.73
800.	4	1514.6	1.4	1516.5	1513.1	4	-1.6	-1.4	-1.9	5	12.40	1.25	13.49	10.25	5	-0.64	-0.54	-0.78
900.	4	1507.9	2.7	1510.9	1505.7	4	-2.1	-1.7	-2.7	5	10.11	1.27	11.45	8.04	5	-0.69	-0.56	-0.86
1000.	4	1501.5	3.2	1505.6	1498.1	4	-2.0	-1.6	-2.3	5	8.11	1.12	9.57	6.55	5	-0.60	-0.39	-0.73
1100.	3	1497.7	2.9	1500.3	1494.6	3	-1.4	-1.1	-1.7	4	6.73	0.95	7.75	5.61	4	-0.42	-0.20	-0.58
1200.	2	1495.6	0.1	1495.7	1495.5	2	-1.1	-0.8	-1.4	3	5.79	0.62	6.18	5.08	3	-0.31	-0.12	-0.48
1300.	2	1494.0	0.4	1494.2	1493.7	2	-0.3	-0.1	-0.5	3	5.12	0.36	5.39	4.71	3	-0.17	-0.11	-0.26
1400.	2	1493.9	0.3	1494.1	1493.7	2	0.1	0.2	-0.0	3	4.76	0.28	4.98	4.44	3	-0.09	-0.07	-0.12
1500.	2	1494.4	0.1	1494.4	1494.3	2	0.1	0.2	0.1	3	4.49	0.23	4.63	4.22	3	-0.08	-0.07	-0.11
1750.	2	1498.4	0.1	1498.5	1498.3	2	0.3	0.3	0.3	3	4.04	0.12	4.13	3.90	3	-0.04	-0.03	-0.05
2000.	2	1499.4	0.1	1499.4	1499.3	2	0.4	0.4	0.4	3	3.75	0.08	3.91	3.66	3	-0.04	-0.03	-0.04
2500.	2	1506.2	0.1	1506.2	1506.1	2	0.5	0.5	0.4	2	3.39	0.01	3.40	3.38	2	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 55 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1537.7	1.9	1539.0	1534.5	0.0	0.0	0.0	0.0	0.83	26.10	24.16	0.00	0	0.00	0.00	0.00
10.	6	1537.1	3.3	1539.1	1530.7	0.6	-0.7	1.5	-6.1	1.44	26.18	22.54	-0.45	6	-0.45	0.23	-2.44
20.	7	1536.9	3.7	1539.1	1529.1	0.7	-0.9	0.6	-4.9	1.55	26.17	21.85	-0.03	7	-0.68	-0.03	-2.10
30.	7	1536.6	4.0	1539.2	1528.3	0.6	-0.9	0.6	-2.7	1.66	26.15	21.47	-0.61	7	-0.61	-0.03	-1.34
50.	7	1534.8	4.6	1539.3	1526.4	0.5	-3.9	0.5	-9.1	1.89	26.04	20.59	-0.56	7	-0.56	7.62	-4.04
75.	7	1531.9	5.5	1538.3	1524.1	0.4	-4.4	-1.4	-8.7	2.16	25.34	19.77	-2.00	7	-2.00	-0.70	-3.46
100.	7	1528.2	4.5	1533.4	1520.5	0.4	-4.8	0.4	-19.8	1.64	22.96	18.30	-2.07	7	-2.07	-0.15	-8.03
125.	7	1526.6	3.7	1531.5	1520.4	0.1	-1.8	-0.1	-3.9	1.32	22.06	18.15	-0.88	7	-0.88	-0.18	-1.66
150.	7	1525.4	3.1	1529.9	1520.2	0.1	-1.5	-0.1	-3.0	1.07	21.26	17.93	-0.75	7	-0.75	-0.20	-1.30
200.	7	1523.8	2.6	1527.3	1518.8	0.4	-0.6	0.4	-1.6	0.85	20.01	17.20	-0.76	7	-0.42	-0.04	-0.76
250.	7	1523.3	3.0	1525.9	1516.7	0.4	-0.3	0.4	-1.3	0.96	19.24	16.26	-0.57	7	-0.27	-0.04	-0.57
300.	7	1523.2	3.8	1525.4	1514.8	0.4	-0.0	0.4	-1.1	1.18	18.76	15.41	-0.48	7	-0.06	0.61	-0.48
400.	6	1523.6	6.5	1529.0	1510.8	0.5	-0.5	0.5	-3.0	2.00	19.48	13.76	-0.30	5	-0.11	-0.04	-0.30
500.	5	1522.0	9.0	1528.0	1506.1	0.0	-0.6	0.0	-1.5	2.88	18.54	11.95	-0.57	5	-0.29	-0.15	-0.57
600.	5	1519.9	10.9	1528.2	1500.9	0.0	-0.9	-0.5	-1.6	3.14	18.04	10.10	-0.57	4	-0.38	-0.30	-0.57
700.	5	1516.8	12.0	1527.2	1496.2	0.0	-1.4	-0.8	-1.8	3.35	17.19	8.43	-0.61	4	-0.47	-0.30	-0.61
800.	5	1512.4	11.9	1525.0	1493.0	0.4	-1.5	-0.9	-2.2	3.26	15.98	7.18	-0.91	5	-0.60	-0.35	-0.91
900.	4	1505.4	12.8	1521.0	1489.9	0.1	-1.4	0.1	-2.3	3.42	14.29	5.98	-0.76	4	-0.53	-0.12	-0.76
1000.	3	1495.1	6.1	1500.0	1488.2	0.0	-1.4	-0.1	-2.2	1.54	8.12	5.16	-0.70	3	-0.50	-0.16	-0.70
1100.	3	1492.1	3.5	1494.8	1488.2	0.0	-0.3	0.0	-0.6	0.83	6.36	4.77	-0.38	3	-0.26	-0.12	-0.38
1200.	3	1491.0	1.9	1492.4	1488.8	0.0	-0.2	0.6	-0.7	0.46	5.37	4.50	-0.30	3	-0.19	-0.03	-0.30
1300.	3	1491.0	0.9	1491.7	1489.9	0.0	0.2	0.3	0.3	0.463	4.80	4.37	-0.11	3	-0.08	-0.04	-0.11
1400.	3	1491.7	0.5	1492.0	1491.1	0.0	0.2	0.4	0.2	0.45	4.60	4.25	-0.10	4	-0.07	-0.04	-0.10
1500.	3	1492.7	0.4	1493.0	1492.2	0.0	0.3	0.3	0.2	0.44	4.44	4.11	-0.06	4	-0.05	-0.04	-0.06
1750.	2	1495.4	0.4	1495.6	1495.1	0.0	0.4	0.4	0.4	0.428	4.09	3.81	-0.04	4	-0.02	-0.02	-0.04
2000.	2	1498.9	0.4	1499.1	1498.6	0.0	0.4	0.4	0.4	0.395	3.81	3.63	-0.04	5	-0.02	-0.02	-0.04
2500.	2	1505.9	0.8	1506.4	1505.3	0.0	0.4	0.5	0.4	0.374	3.45	3.20	-0.03	5	-0.02	-0.02	-0.03
3000.	2	1512.7	0.5	1513.0	1512.3	0.0	0.4	0.4	0.4	0.330	2.99	2.82	-0.03	2	-0.03	-0.02	-0.03
4000.	2	1527.8	0.1	1527.8	1527.7	0.0	0.8	1.0	0.5	0.290	2.45	2.35	-0.01	3	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 56 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1527.3	5.1	1532.6	1520.0	0	0.0	0.0	0.0	8	21.72	1.91	23.39	18.58	0	0.00	0.00	0.00
10.	6	1527.0	4.9	1531.9	1520.1	6	-0.9	0.3	-2.4	9	21.65	1.68	23.03	18.55	9	-0.67	-0.03	-2.03
20.	6	1526.4	4.5	1530.8	1520.2	6	-2.4	0.3	-9.1	9	21.34	1.57	22.66	18.53	9	-1.27	-0.06	-3.66
30.	6	1525.6	3.8	1529.6	1520.3	6	-2.7	0.3	-7.6	9	20.94	1.40	22.60	18.50	9	-1.27	-0.09	-3.17
40.	6	1525.6	3.8	1529.6	1520.3	6	-2.7	0.3	-7.6	9	20.94	1.40	22.60	18.50	9	-1.27	-0.09	-3.17
50.	6	1524.4	3.0	1527.8	1520.4	6	-1.4	0.2	-2.8	9	20.25	1.08	21.51	18.44	9	-0.98	-0.09	-2.38
75.	6	1523.5	2.4	1526.7	1520.7	6	-0.8	0.4	-1.7	9	19.67	0.85	20.59	18.38	9	-0.67	-0.07	-1.22
100.	6	1522.9	1.8	1525.0	1520.9	6	-0.6	0.6	-2.7	9	19.16	0.60	19.82	18.31	9	-0.61	-0.06	-1.16
125.	6	1522.5	1.1	1523.9	1521.1	6	-0.5	0.2	-1.8	9	18.77	0.38	19.25	18.24	9	-0.44	-0.07	-0.84
150.	6	1522.3	0.8	1523.1	1521.3	6	-0.2	0.4	-1.0	9	18.54	0.24	18.81	18.19	9	-0.23	-0.06	-0.61
200.	6	1522.3	0.5	1522.9	1521.4	6	0.3	0.6	-0.2	8	18.29	0.18	18.47	17.94	8	-0.10	-0.04	-0.21
250.	6	1522.9	0.5	1522.2	1522.0	6	0.3	0.5	0.1	8	18.16	0.14	18.27	17.87	8	-0.06	-0.01	-0.16
300.	6	1523.4	0.3	1523.7	1522.7	6	0.3	0.6	0.2	7	18.08	0.11	18.15	17.84	7	-0.06	-0.03	-0.09
400.	6	1524.4	0.3	1525.0	1523.9	6	0.2	0.4	0.2	7	17.85	0.10	18.03	17.71	7	-0.10	-0.04	-0.20
500.	6	1524.9	0.9	1526.1	1523.3	6	0.0	0.3	-0.3	6	17.49	0.30	17.87	16.98	6	-0.15	-0.05	-0.27
600.	6	1523.9	1.6	1525.2	1521.4	6	-0.4	-0.0	-0.9	6	16.66	0.48	17.06	15.89	6	-0.30	-0.17	-0.44
700.	6	1521.0	2.0	1523.3	1518.2	6	-1.1	-0.6	-1.7	6	15.28	0.61	15.96	14.44	6	-0.49	-0.35	-0.67
800.	6	1515.3	3.2	1519.6	1512.2	6	-2.3	-1.3	-3.4	6	13.14	0.92	14.37	12.24	5	-0.76	-0.52	-1.10
900.	6	1508.4	4.4	1514.1	1503.5	6	-1.9	-1.8	-3.0	6	10.77	1.20	12.33	9.46	6	-0.74	-0.65	-0.94
1000.	6	1502.1	4.5	1507.9	1496.6	6	-1.9	-1.7	-2.1	6	8.65	1.17	10.18	7.25	6	-0.63	-0.58	-0.69
1100.	6	1497.1	4.1	1502.2	1492.4	5	-1.4	-1.2	-1.7	6	6.95	1.04	8.26	5.78	5	-0.48	-0.43	-0.57
1200.	6	1494.1	3.0	1498.8	1491.2	6	-0.6	-0.2	-1.6	6	5.79	0.74	6.94	5.08	6	-0.27	-0.13	-0.55
1300.	6	1493.0	1.8	1496.2	1491.4	6	-0.3	0.1	-1.0	6	5.11	0.43	5.88	4.73	6	-0.21	-0.11	-0.37
1400.	6	1492.9	0.8	1494.4	1492.1	6	0.1	0.5	-0.5	6	4.68	0.27	5.04	4.29	6	-0.09	-0.07	-0.26
1500.	6	1493.5	0.4	1494.0	1492.9	6	0.2	0.4	0.1	6	4.42	0.10	4.54	4.29	6	-0.07	-0.02	-0.10
1750.	6	1495.9	0.2	1496.1	1495.6	6	0.3	0.4	0.3	6	4.00	0.06	4.04	3.91	6	-0.05	-0.03	-0.06
2000.	6	1499.2	0.2	1499.3	1498.8	6	0.4	0.4	0.4	6	3.76	0.0	3.80	3.67	6	-0.03	-0.02	-0.03
2500.	6	1506.2	0.2	1506.5	1505.9	6	0.4	0.5	0.4	6	3.42	0.0	3.49	3.34	6	-0.02	-0.01	-0.03
3000.	5	1513.2	0.3	1513.6	1512.9	5	0.4	0.4	0.4	5	3.03	0.07	3.13	2.96	5	-0.03	-0.02	-0.03
3000.	4	1527.8	0.2	1528.0	1527.6	4	0.5	0.5	0.5	4	2.31	0.03	2.40	2.32	4	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 56 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	11	1536.3	2.1	1540.1	1533.0	0	0.0	0.0	0.0	0.0	16	25.03	0.76	26.65	23.55	
10.	11	1534.4	3.7	1540.1	1525.7	11	-2.8	9.1	-7.6	16	24.11	1.28	26.57	20.61	16	
20.	11	1533.5	3.7	1539.9	1527.6	11	-3.0	5.8	-7.9	16	23.48	1.35	26.40	21.23	16	
30.	11	1532.0	4.2	1539.9	1527.0	10	-5.2	-2.5	-11.0	16	22.74	1.53	26.31	20.94	15	
50.	14	1528.3	4.5	1539.4	1524.3	13	-4.9	-0.8	-9.1	23	21.05	1.52	25.94	19.76	22	
75.	17	1525.4	4.2	1537.3	1522.1	17	-3.2	-0.8	-5.7	29	19.79	1.32	24.82	18.87	29	
100.	17	1523.3	3.8	1534.6	1520.6	16	-2.1	-0.3	-4.6	29	18.93	1.14	23.48	18.23	29	
125.	17	1522.7	3.1	1532.2	1520.5	17	-0.5	0.1	-3.3	29	18.58	0.91	22.33	18.07	29	
150.	17	1522.3	2.5	1530.4	1520.6	17	-0.3	0.6	-2.2	29	18.33	0.74	21.50	17.84	29	
200.	17	1522.2	1.9	1527.7	1520.8	17	-0.0	0.5	-1.6	29	18.03	0.55	20.16	17.70	29	
250.	17	1522.5	1.4	1525.9	1521.2	16	0.3	0.5	-0.4	29	17.87	0.42	19.22	17.57	29	
300.	17	1522.8	1.3	1525.2	1521.5	17	0.3	1.0	-0.4	29	17.73	0.38	18.71	17.43	29	
400.	17	1523.4	1.6	1526.2	1521.7	16	0.1	0.5	-0.8	29	17.38	0.44	18.48	16.96	29	
500.	17	1522.5	2.3	1526.6	1519.9	17	-0.4	0.3	-1.2	29	16.54	0.64	18.07	15.93	29	
600.	17	1520.0	3.3	1526.1	1516.7	16	-0.9	-0.2	-1.7	29	15.26	0.84	17.36	14.50	28	
700.	17	1516.1	4.0	1524.2	1512.5	17	-1.4	-0.8	-2.2	29	13.52	0.99	16.27	12.63	29	
800.	16	1509.0	4.4	1519.6	1504.7	15	-2.2	-1.3	-2.9	28	11.14	0.99	14.38	10.22	27	
900.	16	1502.6	4.1	1511.8	1497.5	14	-1.8	-1.4	-2.4	28	8.98	0.90	11.71	7.90	26	
1000.	14	1496.5	2.1	1502.1	1491.2	14	-1.3	-0.8	-2.2	26	7.16	0.44	8.66	6.38	26	
1100.	12	1492.5	1.2	1497.0	1492.1	12	-0.4	1.5	-1.6	24	6.07	0.24	6.92	5.71	24	
1200.	11	1492.4	0.8	1493.6	1491.5	11	-0.3	0.3	-1.1	22	5.35	0.15	5.64	5.14	22	
1300.	10	1492.1	0.5	1493.1	1491.6	9	0.0	0.3	-0.4	18	4.87	0.10	5.13	4.69	18	
1400.	9	1492.6	0.3	1493.1	1492.0	9	0.1	0.3	0.1	15	4.60	0.10	4.81	4.45	15	
1500.	9	1493.3	0.2	1493.5	1492.8	9	0.2	0.4	0.2	13	3.91	0.06	4.46	4.24	13	
1750.	9	1495.5	0.3	1496.1	1495.2	9	0.3	0.4	0.4	13	3.60	0.06	4.03	3.81	13	
2000.	9	1497.8	0.2	1499.4	1498.5	9	0.4	0.5	0.4	13	3.37	0.04	3.82	3.60	13	
2500.	9	1506.1	0.2	1506.5	1505.9	9	0.5	0.5	0.4	13	3.05	0.04	3.48	3.34	13	
3000.	8	1513.0	0.2	1513.3	1512.6	9	0.4	0.5	0.3	12	2.99	0.04	3.05	2.90	12	
4000.	8	1527.9	0.2	1528.0	1527.6	8	0.5	0.6	0.5	11	2.40	0.03	2.43	2.33	11	
5000.	2	1545.5	0.1	1545.5	1545.4	2	0.5	0.5	0.5	3	2.34	0.01	2.35	2.33	3	

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	7	1528.4	3.0	1532.2	1523.2	0	0.0	0.0	0.0	0.0	13	21.61	0.98	23.18	19.71	
10.	7	1528.1	2.7	1531.9	1523.4	7	-1.4	0.6	-7.5	19.60	14	-0.69	0.18	-3.08	-3.08	
20.	7	1527.3	2.8	1531.1	1522.7	7	-2.4	-0.3	-7.0	19.41	14	-0.85	0.30	-2.93	-2.93	
30.	7	1525.9	2.7	1529.0	1521.4	7	-5.2	-3.0	-8.5	18.92	14	-2.00	0.37	-3.66	-3.66	
50.	7	1523.2	2.4	1525.3	1519.2	7	-3.3	-1.5	-6.6	18.04	14	-1.48	-0.15	-2.68	-2.68	
75.	7	1521.6	1.8	1523.8	1519.3	7	-1.8	-1.0	-4.3	17.96	14	-0.82	-0.04	-1.71	-1.71	
100.	7	1521.1	1.3	1522.6	1519.6	7	-0.3	0.8	-1.5	17.93	14	-0.32	-0.03	-1.06	-1.06	
125.	7	1521.0	1.0	1522.5	1519.8	7	-0.1	0.5	-1.1	17.79	14	-0.15	-0.02	-0.54	-0.54	
150.	7	1521.1	0.8	1522.5	1520.0	7	0.2	0.5	-0.3	17.73	14	-0.09	-0.02	-0.25	-0.25	
200.	7	1521.6	0.9	1523.2	1520.6	7	0.4	0.5	0.4	17.62	14	-0.05	-0.01	-0.12	-0.12	
250.	7	1522.1	0.9	1524.0	1521.1	7	0.4	0.5	0.2	17.55	14	-0.05	-0.01	-0.12	-0.12	
300.	7	1522.6	1.0	1524.5	1521.3	7	0.2	0.5	0.1	17.36	14	-0.10	-0.02	-0.30	-0.30	
400.	7	1522.7	2.1	1524.9	1518.9	7	-0.2	0.4	-1.9	16.16	13	-0.19	-0.04	-0.70	-0.70	
500.	7	1521.3	4.6	1524.6	1511.9	7	-0.6	0.1	-2.3	13.56	12	-0.32	-0.09	-0.84	-0.84	
600.	7	1518.6	6.3	1523.5	1505.7	7	-1.1	-0.5	-2.3	11.37	12	-0.46	-0.31	-0.76	-0.76	
700.	7	1514.1	7.6	1520.7	1499.0	7	-1.6	-0.9	-2.2	9.13	12	-0.59	-0.42	-0.79	-0.79	
800.	7	1508.7	7.4	1516.0	1493.7	7	-1.7	-1.4	-2.1	7.34	11	-0.62	-0.52	-0.73	-0.73	
900.	7	1503.1	6.7	1510.7	1490.5	7	-1.8	-0.4	-2.4	6.12	11	-0.61	-0.24	-0.77	-0.77	
1000.	7	1498.4	5.0	1504.8	1489.2	7	-1.3	-0.4	-2.0	5.40	10	-3.62	-0.22	-32.00	-32.00	
1100.	7	1495.3	3.8	1500.3	1488.5	7	-0.9	-0.2	-1.6	4.83	10	-0.34	-0.15	-0.52	-0.52	
1200.	7	1493.1	2.8	1497.2	1488.0	7	-0.4	0.3	-0.8	4.51	10	-0.20	-0.07	-0.32	-0.32	
1300.	7	1492.7	1.9	1495.6	1489.7	7	-0.2	0.2	-0.5	4.30	10	-0.27	-0.06	-1.21	-1.21	
1400.	7	1492.7	1.2	1494.5	1490.5	6	0.0	0.2	-0.4	4.11	10	-0.10	-0.04	-0.21	-0.21	
1500.	7	1493.1	0.8	1494.0	1491.6	7	0.2	0.3	0.1	3.96	10	-0.08	-0.04	-0.15	-0.15	
1750.	7	1495.5	0.5	1496.2	1494.6	7	0.3	0.4	0.1	3.68	10	-0.05	-0.03	-0.09	-0.09	
2000.	5	1498.8	0.4	1499.6	1498.6	5	0.4	0.5	0.3	3.63	8	-0.03	-0.01	-0.37	-0.37	
2500.	1	1506.3	0.0	1506.3	1506.3	1	0.4	0.4	0.4	3.40	2	-0.03	-0.02	-0.03	-0.03	
3000.	1	1513.3	0.0	1513.3	1513.3	0	0.0	0.0	0.0	3.05	1	-0.02	-0.02	-0.02	-0.02	
4000.	1	1527.9	0.0	1527.9	1527.9	1	0.5	0.5	0.5	2.38	1	-0.01	-0.01	-0.01	-0.01	

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 115 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	19	1538.1	2.6	1542.5	1534.7	0	0.0	0.0	0.0	27	25.86	1.12	27.80	24.29	0	0.00	0.00	0.00
10.	19	1537.2	3.5	1542.3	1530.0	18	-3.1	0.6	-14.3	29	25.45	1.36	27.65	22.29	29	-1.29	0.24	-6.10
20.	19	1536.4	4.1	1542.0	1528.9	18	-2.7	0.9	-7.9	29	24.99	1.59	27.41	21.79	28	-1.42	0.06	-3.51
30.	19	1535.0	4.7	1540.9	1527.7	19	-5.4	0.6	-14.6	29	24.22	1.91	26.87	21.25	29	-2.84	0.03	-7.57
50.	20	1531.2	5.3	1539.9	1522.7	19	-4.8	-0.9	-11.3	31	22.54	2.33	26.19	19.24	31	-3.30	-0.76	-26.82
75.	20	1527.9	4.5	1535.8	1521.7	19	-3.7	-1.2	-7.2	31	21.00	1.88	24.20	18.52	30	-1.77	-0.63	-3.35
100.	20	1525.7	3.8	1532.3	1520.0	19	-1.8	-1.0	-3.8	31	19.96	1.45	22.61	18.03	30	-0.82	-0.15	-1.75
125.	20	1524.5	2.8	1529.4	1520.3	20	-1.5	0.4	-3.5	31	19.37	1.06	21.30	17.95	31	-0.71	-0.04	-1.60
150.	20	1523.6	2.1	1527.0	1520.6	19	-0.9	0.4	-2.9	31	18.91	0.75	20.22	17.87	30	-0.50	-0.05	-1.32
200.	19	1522.8	1.2	1525.2	1520.9	19	0.0	0.5	-0.9	30	18.34	0.41	19.29	17.72	30	-0.14	-0.04	-0.48
250.	19	1523.0	0.9	1524.8	1521.5	18	0.1	0.5	-0.4	30	18.13	0.31	18.87	17.62	29	-0.13	-0.01	-0.35
300.	19	1523.3	0.8	1524.7	1522.0	19	0.2	0.4	-0.1	30	17.95	0.27	18.54	17.52	30	-0.09	-0.04	-0.20
400.	19	1523.9	0.8	1525.3	1522.2	19	0.2	0.6	0.1	30	17.63	0.25	18.15	17.12	30	-0.09	-0.01	-0.38
500.	19	1524.1	1.3	1526.4	1521.7	18	0.0	0.4	-0.3	28	17.19	0.36	17.98	16.49	28	-0.16	-0.02	-0.46
600.	19	1522.8	2.2	1526.8	1519.2	17	-0.6	0.6	-1.2	27	16.17	0.78	17.56	13.78	25	-0.41	-0.08	-1.14
700.	19	1519.3	3.0	1525.5	1514.0	19	-1.1	0.1	-1.9	25	14.77	0.94	16.67	13.22	25	-0.46	0.17	-0.72
800.	19	1514.4	3.9	1523.3	1506.5	17	-1.7	-1.0	-2.4	25	12.94	1.29	16.61	10.68	24	-0.61	-0.02	-0.87
900.	19	1508.3	4.3	1518.5	1500.0	19	-1.9	-0.8	-3.0	25	10.84	1.52	15.91	8.53	25	-0.65	-0.21	-0.94
1000.	14	1501.9	4.2	1511.3	1495.4	14	-1.9	-1.1	-2.9	18	8.87	1.74	14.56	6.94	18	-0.60	-0.08	-0.93
1100.	13	1496.6	3.1	1502.9	1492.5	12	-1.4	-0.2	-2.6	17	7.10	1.60	12.58	5.80	16	-0.49	-0.21	-0.82
1200.	13	1493.9	2.0	1498.0	1490.9	13	-0.5	-0.1	-1.6	17	5.99	1.12	9.95	5.00	17	-0.28	-0.11	-0.80
1300.	13	1493.3	1.4	1495.8	1491.1	13	0.0	0.1	-0.7	17	5.25	0.48	6.67	4.66	17	-0.21	-0.10	-1.00
1400.	13	1493.2	0.8	1494.6	1491.7	13	0.0	0.2	-0.5	15	4.73	0.21	5.10	4.39	15	-0.12	-0.07	-0.24
1500.	13	1493.5	0.5	1494.3	1492.6	12	0.2	0.6	-0.2	15	4.42	0.14	4.62	4.21	15	-0.08	-0.04	-0.17
1750.	12	1495.7	0.5	1496.6	1494.9	11	0.3	0.4	0.1	14	3.94	0.12	4.15	3.76	14	-0.05	-0.02	-0.11
2000.	10	1499.0	0.3	1499.8	1498.6	10	0.4	0.4	0.4	12	3.71	0.09	3.90	3.59	12	-0.03	-0.02	-0.04
2500.	3	1506.2	0.6	1506.8	1505.7	2	0.4	0.5	0.4	4	3.37	0.15	3.55	3.22	4	-0.02	-0.01	-0.03
3000.	3	1513.3	0.8	1513.8	1512.4	3	0.4	0.5	0.4	4	3.02	0.16	3.17	2.84	4	-0.02	-0.01	-0.03
4000.	3	1528.2	0.4	1528.6	1527.9	3	0.5	0.5	0.5	4	2.46	0.07	2.56	2.39	4	-0.01	-0.01	-0.02
5000.	2	1545.2	0.2	1545.3	1545.0	2	0.5	0.5	0.5	2	2.27	0.06	2.31	2.22	2	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 57 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	18	1534.9	3.5	1538.0	1527.1	0	0.0	0.0	0.0	29	24.74	1.27	25.70	21.22	0	0.00	0.00	0.00
10.	18	1535.0	3.5	1538.1	1527.2	18	0.3	0.9	-0.9	31	24.72	1.23	25.69	21.23	31	-0.13	0.15	-0.94
20.	18	1535.1	3.5	1538.3	1527.3	18	0.5	3.0	-0.6	31	24.67	1.22	25.68	21.24	31	-0.13	0.12	-0.98
30.	18	1535.2	3.5	1538.5	1527.6	18	0.5	3.0	-0.5	31	24.64	1.21	25.67	21.25	31	-0.11	0.09	-0.92
50.	18	1535.0	3.5	1538.8	1527.9	18	-1.5	1.0	-12.2	31	24.41	1.22	25.65	21.23	31	-1.82	-0.02	-3.10
75.	19	1532.3	3.7	1538.5	1524.9	17	-4.3	0.6	-12.2	33	22.67	1.39	25.37	19.97	33	-1.97	2.21	-5.49
100.	18	1529.4	3.8	1534.2	1520.1	18	-3.1	0.4	-6.1	33	21.20	1.37	23.51	18.12	33	-1.48	-0.05	-3.74
125.	18	1527.2	3.0	1531.3	1519.5	18	-2.8	-0.7	-5.0	33	20.20	1.05	21.95	17.77	33	-1.23	-0.17	-2.26
150.	18	1525.5	2.3	1528.8	1519.3	18	-1.9	-0.7	-3.4	33	19.46	0.82	20.85	17.55	33	-0.69	-0.09	-1.39
200.	18	1523.4	1.5	1526.2	1519.8	18	-0.3	1.5	-2.2	33	18.61	0.60	20.52	17.37	33	-0.28	-0.08	-0.67
250.	17	1523.2	1.0	1524.8	1520.2	17	-0.1	0.5	-1.5	32	18.25	0.55	20.26	16.59	32	-0.21	-0.09	-0.57
300.	16	1523.0	1.3	1524.7	1518.7	16	-0.1	0.4	-2.0	31	17.92	0.62	19.93	15.75	31	-0.16	-0.03	-0.81
400.	16	1523.2	2.6	1525.3	1517.9	15	0.0	0.5	-0.6	31	17.56	0.63	19.03	14.63	30	-0.09	-0.03	-0.32
500.	15	1523.1	3.6	1525.2	1510.8	13	0.0	0.6	-1.3	29	17.08	0.78	17.85	13.24	28	-0.18	-0.04	-0.51
600.	15	1521.5	4.5	1525.4	1506.4	15	-0.7	-0.2	-1.3	28	16.08	0.96	17.12	11.56	28	-0.40	-0.17	-0.69
700.	15	1517.9	5.1	1524.3	1501.7	15	-1.2	-0.6	-1.8	28	14.51	1.06	16.25	9.84	28	-0.52	-0.35	-0.74
800.	15	1512.8	5.5	1520.9	1496.1	14	-1.8	-1.2	-2.3	28	12.61	1.10	14.75	7.96	28	-0.68	-0.50	-1.15
900.	15	1506.8	5.1	1515.1	1492.4	15	-2.1	-0.7	-2.6	27	10.42	1.01	12.58	6.60	27	-0.68	-0.32	-0.93
1000.	12	1501.6	4.3	1507.8	1490.6	11	-1.9	-0.5	-3.0	24	8.44	0.84	10.13	5.73	24	-0.61	-0.04	-0.91
1100.	12	1496.1	2.8	1500.1	1489.5	12	-2.0	-0.3	-10.3	24	6.64	0.56	7.71	5.05	24	-0.54	-0.22	-2.77
1200.	12	1493.4	1.8	1496.2	1489.3	12	-0.8	-0.1	-2.1	25	5.51	0.34	6.31	4.61	25	-0.29	-0.12	-0.64
1300.	12	1492.5	1.1	1493.7	1489.7	12	-0.2	0.4	-0.5	15	4.97	0.23	5.27	4.30	15	-0.17	-0.04	-0.26
1400.	12	1492.4	0.8	1493.4	1490.6	12	0.1	0.4	-0.2	15	4.56	0.17	4.81	4.13	15	-0.11	-0.05	-0.16
1500.	12	1493.0	0.6	1493.8	1491.6	12	0.2	0.4	0.1	15	4.29	0.13	4.48	3.97	15	-0.08	-0.04	-0.10
1750.	11	1495.5	0.4	1496.1	1494.6	11	0.4	0.4	0.2	14	3.87	0.10	4.04	3.68	14	-0.04	-0.02	-0.06
2000.	9	1498.7	0.3	1499.3	1498.1	9	0.4	0.4	0.3	11	3.66	0.07	3.78	3.51	11	-0.03	-0.00	-0.04
2500.	5	1506.0	0.0	1506.1	1505.7	5	0.5	0.5	0.4	6	3.35	0.03	3.39	3.29	6	-0.02	-0.01	-0.02
3000.	1	1512.5	0.0	1512.5	1512.5	1	0.4	0.4	0.4	2	2.97	0.13	3.06	2.87	2	-0.02	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 60 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1532.5	8.0	1539.1	1521.5	0	0.0	0.0	0.0	7	22.78	3.51	26.24	18.41	0	0.00	0.00	1.00
10.	6	1532.2	7.8	1539.2	1521.6	6	-0.9	0.3	-4.9	7	22.61	3.40	26.20	18.43	7	-0.53	0.06	-2.19
20.	6	1531.5	7.6	1539.3	1521.6	6	-2.0	0.6	-10.7	7	22.31	3.27	26.15	18.43	7	-0.95	-0.06	-4.57
30.	6	1531.0	7.6	1539.3	1521.7	6	-1.5	0.3	-7.3	7	22.06	3.22	26.11	18.37	7	-0.77	-0.03	-3.20
50.	6	1530.1	7.3	1538.9	1521.7	6	-2.0	0.3	-3.8	7	21.60	3.03	25.76	18.22	7	-0.91	-0.05	-1.77
75.	6	1528.4	6.2	1536.0	1521.7	6	-2.1	-0.5	-3.5	7	20.86	2.49	24.35	18.16	7	-0.92	-0.13	-1.72
100.	6	1526.9	5.0	1532.8	1521.7	6	-2.0	-0.2	-4.3	7	20.17	1.96	22.85	18.12	7	-0.85	0.05	-2.61
125.	6	1525.5	4.0	1529.8	1521.6	6	-1.6	-0.1	-3.7	7	19.59	1.48	21.48	18.13	7	-0.71	0.01	-1.67
150.	6	1524.5	3.2	1528.3	1521.4	6	-1.2	-0.1	-2.7	7	19.14	1.14	20.71	18.13	7	-0.54	-0.20	-1.13
200.	6	1522.9	1.6	1525.0	1521.3	6	-0.5	0.3	-2.3	7	18.42	0.53	19.23	17.86	7	-0.29	-0.06	-0.96
250.	6	1522.2	0.9	1523.9	1521.4	6	-0.4	0.4	-2.0	7	17.99	0.29	18.52	17.64	7	-0.26	-0.05	-0.84
300.	6	1521.6	1.6	1523.6	1519.9	6	-0.3	0.4	-1.0	7	17.58	0.72	18.12	16.97	7	-0.22	-0.02	-0.46
400.	6	1519.0	5.2	1524.5	1512.8	6	-1.1	0.3	-3.2	7	16.43	1.59	17.91	14.30	7	-0.44	-0.07	-1.12
500.	6	1515.2	8.0	1523.0	1504.6	6	-1.4	-0.5	-2.2	7	15.02	2.43	17.66	11.53	7	-0.48	-0.08	-0.75
600.	6	1510.5	8.6	1518.3	1498.6	6	-1.8	-1.1	-2.4	7	13.26	2.55	16.24	9.47	7	-0.64	-0.49	-0.76
700.	6	1504.0	8.8	1512.7	1493.1	6	-2.3	-1.8	-2.7	7	10.99	2.52	13.95	7.63	7	-0.76	-0.59	-0.84
800.	6	1497.1	7.7	1505.1	1487.7	6	-2.0	-0.9	-3.1	7	8.84	2.38	12.38	5.86	7	-0.64	-0.35	-0.96
900.	6	1492.4	4.7	1497.6	1486.8	6	-1.3	-0.7	-3.0	7	7.14	1.73	10.21	5.23	7	-0.49	-0.12	-0.65
1000.	6	1489.8	2.6	1493.8	1487.0	6	-0.3	0.2	-1.2	7	5.99	1.28	8.57	4.86	7	-0.26	-0.08	-0.58
1100.	6	1489.3	1.8	1491.7	1487.3	6	-0.1	0.2	-0.4	7	5.29	0.81	6.92	4.55	7	-0.20	-0.08	-0.50
1200.	6	1489.4	1.2	1490.9	1487.9	6	0.1	0.3	-0.2	7	4.85	0.60	6.08	4.29	7	-0.11	-0.04	-0.23
1300.	6	1490.1	0.8	1491.2	1489.1	6	0.2	0.4	0.0	7	4.55	0.42	5.39	4.16	7	-0.09	-0.04	-0.21
1400.	6	1491.0	0.7	1492.1	1490.2	6	0.3	0.3	0.2	7	4.31	0.27	4.80	4.04	7	-0.07	-0.04	-0.18
1500.	6	1492.1	0.6	1493.1	1491.4	5	0.3	0.4	0.3	7	4.12	0.16	4.32	3.93	7	-0.05	-0.02	-0.15
1750.	6	1495.4	0.4	1495.8	1494.9	6	0.4	0.4	0.3	7	3.88	0.10	4.01	3.75	7	-0.03	-0.02	-0.04
2000.	6	1498.9	0.2	1499.2	1498.5	5	0.4	0.5	0.4	7	3.70	0.07	3.78	3.61	7	-0.02	-0.01	-0.03
2500.	6	1506.0	0.1	1506.3	1505.7	6	0.4	0.5	0.4	7	3.36	0.05	3.43	3.28	7	-0.02	-0.01	-0.03
3000.	5	1513.0	0.3	1513.3	1512.6	5	0.4	0.4	0.4	7	2.97	0.09	3.05	2.63	7	-0.02	-0.02	-0.03
4000.	4	1527.8	0.2	1528.0	1527.6	4	0.5	0.5	0.5	5	2.35	0.03	2.39	2.32	5	-0.01	-0.01	-0.01
5000.	3	1545.4	0.0	1545.4	1545.4	3	0.6	0.6	0.5	3	2.32	0.01	2.33	2.32	3	0.00	0.01	0.00

SUMMARY FOR ONE DEGREE SQUARE 63 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	5	1529.4	3.4	1535.2	1526.5	0	0.0	0.0	0.0	5	22.13	1.40	24.51	21.00	0	0.00	0.00	0.00		
10.	5	1528.6	2.4	1532.0	1526.0	5	-2.5	0.3	-9.8	5	21.72	0.94	23.08	20.74	5	-1.26	-0.24	-4.36		
20.	5	1527.8	1.9	1529.4	1525.5	5	-2.4	0.3	-9.1	5	21.35	0.71	21.98	20.49	5	-1.15	-0.09	-3.78		
30.	5	1527.0	2.0	1529.4	1525.0	5	-2.2	-0.3	-7.6	5	21.01	0.75	21.92	20.25	5	-1.03	-0.18	-3.27		
50.	5	1525.9	2.9	1529.2	1522.7	5	-1.7	-0.3	-5.8	5	20.43	1.11	21.70	19.24	5	-0.88	-0.24	-2.36		
75.	5	1524.6	2.7	1528.3	1521.8	5	-1.5	-1.1	-2.7	5	19.82	0.99	21.18	18.79	5	-0.74	-0.55	-1.21		
100.	5	1523.7	2.4	1527.2	1521.2	5	-1.1	-0.9	-2.0	5	19.31	0.87	20.60	18.43	5	-0.61	-0.30	-0.91		
125.	5	1523.1	2.0	1525.9	1520.8	5	-0.7	-0.2	-1.6	5	18.96	0.71	19.97	18.18	5	-0.44	-0.27	-0.77		
150.	5	1522.6	1.7	1524.7	1520.5	5	-0.7	-0.4	-1.8	5	18.64	0.58	19.39	17.94	5	-0.40	-0.24	-0.73		
200.	5	1522.0	1.3	1523.1	1520.0	5	0.1	0.6	-0.3	5	18.16	0.42	18.53	17.52	5	-0.11	-0.06	-0.18		
250.	5	1522.2	1.4	1523.2	1519.7	5	0.1	0.5	-0.2	5	17.97	0.47	18.29	17.15	5	-0.12	-0.01	-0.23		
300.	5	1522.4	2.0	1523.5	1518.9	5	0.1	0.6	-0.6	5	17.76	0.63	18.09	16.65	5	-0.13	-0.06	-0.33		
400.	5	1521.6	3.8	1524.6	1515.8	5	-0.1	0.6	-1.2	5	17.29	1.17	17.90	15.20	5	-0.17	-0.03	-0.52		
500.	5	1521.9	6.4	1525.9	1510.7	5	-0.4	0.4	-1.7	5	16.58	1.92	17.79	13.23	5	-0.29	-0.38	-0.64		
600.	5	1519.0	8.7	1525.2	1504.1	5	-1.3	-0.4	-2.2	5	15.23	2.51	17.05	10.95	5	-0.54	-0.73	-0.84		
700.	5	1514.1	9.8	1521.8	1497.7	5	-1.7	-1.2	-2.4	5	13.35	2.72	15.53	8.82	5	-0.63	-0.51	-0.81		
800.	5	1508.9	5.2	1516.3	1494.0	5	-1.6	-1.0	-2.2	5	11.40	2.46	13.42	7.43	5	-0.58	-0.45	-0.75		
900.	5	1503.0	7.5	1509.4	1490.8	5	-2.3	-1.0	-2.8	5	9.35	1.96	11.04	6.20	5	-0.75	-0.37	-0.89		
1000.	5	1497.0	5.0	1501.5	1489.4	3	-1.0	-0.4	-1.8	5	7.36	1.26	8.51	5.45	3	-0.40	-0.22	-0.61		
1100.	5	1493.3	2.9	1495.9	1488.9	5	-1.1	-0.7	-1.7	5	6.01	0.71	6.64	4.91	5	-0.40	-0.12	-0.57		
1200.	5	1491.7	1.7	1493.2	1489.0	5	-0.1	0.1	-0.3	5	5.19	0.41	5.56	4.55	5	-0.14	-0.11	-0.21		
1300.	5	1491.7	1.3	1492.9	1489.7	5	0.0	0.2	-0.2	5	4.80	0.30	5.09	4.32	5	-0.12	-0.05	-0.16		
1400.	5	1492.2	1.0	1493.1	1490.7	5	0.2	0.3	0.1	5	4.52	0.23	4.73	4.16	5	-0.07	-0.04	-0.10		
1500.	5	1493.1	0.8	1493.7	1491.8	5	0.2	0.3	0.2	5	4.31	0.19	4.46	4.02	5	-0.06	-0.04	-0.08		
1750.	5	1495.8	0.6	1496.3	1495.0	5	0.4	0.4	0.3	5	3.98	0.14	4.08	3.78	5	-0.04	-0.02	-0.04		
2000.	5	1499.2	0.4	1499.5	1498.7	5	0.4	0.5	0.4	5	3.76	0.09	3.83	3.64	5	-0.02	-0.01	-0.03		
2500.	5	1506.3	0.2	1506.6	1506.1	3	0.4	0.5	0.4	5	3.44	0.06	3.51	3.37	5	-0.02	-0.02	-0.03		
3000.	5	1513.2	0.2	1513.4	1512.9	4	0.4	0.4	0.4	5	3.02	0.06	3.07	2.95	4	-0.03	-0.03	-0.03		
4000.	5	1527.8	0.0	1527.9	1527.7	4	0.5	0.6	0.5	5	2.37	0.02	2.39	2.35	5	-0.01	-0.01	-0.01		

SUMMARY FOR ONE DEGREE SQUARE 64 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEP	NO	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
		S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
10.	9 1527.0	3.9	1532.2	1521.5	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00
20.	9 1526.3	2.9	1529.6	1521.6	9 -4.6	9	-4.6	-2.7	-8.5	9 21.51	23.23	19.11	0.00
30.	9 1524.9	2.1	1527.2	1521.6	9 -4.2	9	-4.2	-2.7	-7.9	9 20.86	22.08	19.06	-3.66
40.	9 1523.7	1.4	1525.3	1521.5	9 -3.7	9	-3.7	0.3	-6.7	9 19.75	21.06	18.94	-3.20
50.	9 1521.7	1.2	1523.4	1519.8	9 -2.7	9	-2.7	0.2	-5.3	9 18.92	20.38	18.94	-2.77
75.	9 1520.6	1.6	1522.1	1517.4	9 -1.4	9	-1.4	0.1	-2.9	9 18.39	19.49	18.29	-2.09
100.	9 1519.7	2.2	1521.9	1515.5	9 -0.8	9	-0.8	0.6	-2.0	9 17.95	18.66	16.61	-1.12
125.	9 1519.1	2.8	1522.0	1514.1	9 -0.8	9	-0.8	0.2	-1.7	9 17.60	18.56	16.06	-0.79
150.	9 1518.4	3.4	1522.2	1512.8	9 -0.8	9	-0.8	0.2	-1.6	9 17.28	18.49	15.53	-0.67
200.	9 1517.4	4.6	1522.7	1510.3	9 -0.4	9	-0.4	0.6	-1.2	9 16.71	18.37	14.54	-0.65
250.	9 1516.7	5.7	1523.3	1508.0	9 -0.5	9	-0.5	0.4	-1.4	9 16.23	18.29	13.64	-0.55
300.	9 1515.8	7.0	1523.7	1505.8	9 -0.4	9	-0.4	0.6	-1.2	9 15.73	18.15	12.76	-0.55
400.	9 1513.1	9.1	1524.2	1500.3	9 -1.1	9	-1.1	0.3	-2.3	9 14.48	17.78	10.81	-0.51
500.	9 1508.3	10.4	1523.9	1494.5	9 -1.8	9	-1.8	-0.2	-3.0	9 12.65	17.17	8.84	-0.75
600.	9 1502.9	10.8	1521.2	1490.3	9 -1.5	9	-1.5	-0.9	-2.5	9 10.71	15.82	7.33	-0.85
700.	9 1497.8	10.0	1516.1	1486.7	9 -1.8	9	-1.8	-1.0	-2.9	9 8.90	13.83	6.02	-0.82
800.	9 1493.2	8.0	1509.4	1495.3	9 -1.2	9	-1.2	-0.2	-2.4	9 7.26	11.47	5.27	-0.94
900.	9 1490.6	5.5	1502.3	1486.0	9 -0.6	9	-0.6	0.4	-2.2	9 6.17	9.13	5.01	-0.82
1000.	9 1489.3	3.4	1496.5	1486.6	8 -0.3	8	-0.3	0.4	-1.6	9 5.42	7.21	4.75	-0.71
1100.	9 1488.7	1.8	1492.4	1487.0	9 -0.1	9	-0.1	0.2	-1.2	9 4.88	5.78	4.45	-0.56
1200.	9 1489.0	1.1	1491.1	1487.8	9 0.2	9	0.2	0.5	-0.2	9 4.55	5.06	4.25	-0.44
1300.	9 1489.8	0.9	1491.2	1488.9	9 0.3	9	0.3	0.3	0.0	9 4.34	4.68	4.11	-0.16
1400.	9 1490.4	0.5	1491.8	1490.2	9 0.3	9	0.3	0.4	0.2	9 4.17	4.41	4.02	-0.12
1500.	9 1491.4	0.4	1492.6	1491.5	9 0.3	9	0.3	0.4	0.2	9 4.04	4.21	3.94	-0.09
1750.	9 1495.1	0.3	1495.8	1494.8	9 0.4	9	0.4	0.5	0.3	9 3.80	3.96	3.73	-0.06
2000.	9 1498.7	0.2	1499.2	1498.3	8 0.4	8	0.4	0.5	0.4	9 3.63	3.76	3.55	-0.04
2500.	9 1505.8	0.2	1506.2	1505.4	9 0.4	9	0.4	0.6	0.3	9 3.31	3.41	3.22	-0.02
3000.	9 1512.6	0.2	1513.0	1512.2	9 0.4	9	0.4	0.5	0.4	9 2.89	2.99	2.78	-0.03
4000.	9 1527.7	0.0	1527.8	1527.5	8 0.5	8	0.5	0.6	0.5	8 2.33	2.36	2.29	-0.01
5000.	1 1545.5	0.0	1545.5	1545.5	1 0.6	1	0.6	0.6	0.6	1 2.35	2.35	2.35	0.00

SUMMARY FOR ONE DEGREE SQUARE 65 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1532.9	3.7	1536.4	1528.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	5	1531.2	4.5	1536.4	1526.6	5	-2.4	-2.4	-2.4	-6.1	6	-1.13	-0.15	-2.41
20.	5	1530.5	5.1	1536.3	1524.9	5	-2.4	-0.3	-5.2	-5.2	6	-1.10	-0.27	-2.13
30.	5	1529.7	5.6	1536.3	1523.4	5	-2.3	-1.2	-4.6	-4.6	6	-1.06	-0.27	-1.86
40.	5	1528.1	6.2	1536.1	1521.1	5	-3.6	-2.1	-6.1	-6.1	6	-1.41	-0.91	-2.56
50.	5	1525.9	5.8	1534.7	1520.3	5	-2.6	-1.0	-5.0	-5.0	6	-1.27	-0.49	-2.22
100.	5	1524.2	5.5	1533.0	1519.5	5	-2.0	-1.0	-3.0	-3.0	6	-1.04	-0.50	-1.52
125.	5	1523.0	4.9	1530.6	1518.6	5	-1.5	-0.1	-2.9	-2.9	6	-0.64	-0.20	-1.37
150.	5	1521.9	4.5	1528.5	1517.7	5	-1.3	-1.1	-2.6	-2.6	6	-0.59	-0.18	-1.18
200.	5	1520.4	4.2	1525.4	1516.0	5	-0.5	0.2	-1.0	-1.0	6	-0.30	-0.14	-0.51
250.	5	1519.9	4.7	1524.5	1514.8	5	-0.3	0.3	-0.7	-0.7	6	-0.23	-0.06	-0.40
300.	5	1519.4	5.5	1524.1	1513.2	5	-0.2	0.3	-1.0	-1.0	6	-0.20	-0.05	-0.45
400.	5	1518.0	8.2	1524.9	1508.6	5	-0.4	0.5	-1.4	-1.4	6	-0.24	-0.05	-0.55
500.	5	1515.2	11.3	1525.4	1501.9	5	-0.9	0.1	-2.0	-2.0	6	-0.36	-0.10	-0.71
600.	5	1510.8	13.1	1524.1	1496.2	5	-1.5	-0.9	-1.8	-1.8	6	-0.52	-0.24	-0.68
700.	5	1505.6	13.3	1519.8	1491.2	5	-1.6	-1.4	-2.2	-2.2	6	-0.58	-0.52	-0.77
800.	5	1499.7	11.3	1513.0	1488.1	5	-2.0	-0.3	-3.3	-3.3	6	-0.68	-0.24	-1.10
900.	5	1494.9	8.1	1504.2	1486.9	5	-1.3	-0.4	-1.9	-1.9	6	-0.51	-0.22	-0.76
1000.	5	1491.8	5.4	1498.7	1486.5	5	-0.8	0.2	-1.7	-1.7	6	-0.39	-0.06	-0.64
1100.	5	1490.2	3.0	1494.0	1487.5	5	-0.5	0.3	-1.4	-1.4	6	-0.29	-0.05	-0.52
1200.	5	1489.8	1.4	1491.4	1488.5	5	-0.0	0.2	-0.3	-0.3	6	-0.15	-0.04	-0.27
1300.	5	1490.1	0.8	1491.1	1489.3	5	0.1	0.3	-0.2	-0.2	6	-0.12	-0.05	-0.22
1400.	5	1490.9	0.6	1491.9	1490.3	5	0.3	0.3	0.2	0.2	6	-0.07	-0.05	-0.15
1500.	5	1491.9	0.6	1492.9	1491.5	5	0.3	0.4	0.2	0.2	6	-0.05	-0.03	-0.07
1750.	5	1495.1	0.3	1495.6	1494.8	5	0.4	0.4	0.3	0.3	6	-0.03	-0.02	-0.04
2000.	5	1498.6	0.2	1498.7	1498.5	5	0.4	0.4	0.4	0.4	6	-0.02	-0.01	-0.03
2500.	5	1506.1	0.3	1506.6	1505.8	5	0.5	0.5	0.4	0.4	6	-0.03	-0.02	-0.05
3000.	4	1512.8	0.0	1512.9	1512.7	4	0.4	0.4	0.4	0.4	5	-0.03	-0.02	-0.03
4000.	4	1527.7	0.0	1527.8	1527.6	4	0.5	0.5	0.5	0.5	5	-0.01	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 65 OF MANSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	11	1338.1	1.9	1541.0	1535.2	0.0	0.0	0.0	0.88	27.16	24.48	0.00	0	0.00	0.00	0.00
10.	11	1538.0	2.0	1541.1	1534.8	11	-0.9	1.0	-6.1	0.93	27.13	24.24	11	-0.67	0.07	-3.66
20.	11	1537.6	2.7	1541.3	1532.4	11	-1.8	0.6	-7.6	1.23	27.13	23.14	11	-1.03	0.06	-3.54
30.	11	1535.8	4.0	1541.3	1530.0	11	-5.0	0.6	-11.0	1.77	27.04	22.11	11	-2.34	0.06	-4.91
50.	11	1532.8	6.1	1540.7	1526.0	11	-6.0	-0.9	-9.3	11	24.62	20.44	11	-2.68	-0.72	-3.90
75.	11	1529.3	1.7	1538.7	1523.9	11	-3.5	-1.0	-7.2	11	21.72	19.54	11	-1.65	-0.51	-3.39
100.	11	1527.2	4.6	1536.8	1523.2	11	-2.2	-0.7	-6.7	11	20.65	19.12	11	-1.06	-0.44	-3.00
125.	11	1525.7	3.7	1534.6	1522.7	11	-1.7	-0.2	-5.6	11	19.94	18.85	11	-0.81	-0.09	-2.40
150.	11	1524.9	2.7	1531.8	1522.9	10	-1.1	0.3	-3.5	11	19.47	18.75	10	-0.49	-0.07	-1.57
200.	11	1524.1	1.3	1527.7	1523.2	11	0.1	3.0	-2.2	11	18.88	18.54	11	-0.24	-0.07	-1.00
250.	11	1524.0	0.5	1525.2	1523.4	11	-0.0	0.4	-1.5	11	18.57	18.36	11	-0.18	-0.01	-0.71
300.	11	1523.0	0.3	1525.1	1523.6	11	0.2	0.5	0.1	11	18.41	18.13	11	-0.07	-0.02	-0.16
400.	11	1523.0	0.6	1526.0	1523.9	11	0.1	0.5	-0.3	11	18.08	17.70	11	-0.12	-0.01	-0.26
500.	11	1524.6	1.4	1526.1	1521.7	11	-0.3	0.3	-1.1	11	17.40	16.50	11	-0.24	-0.09	-0.44
600.	11	1522.5	2.6	1523.8	1517.4	11	-0.8	-0.1	-2.0	11	16.26	14.71	11	-0.38	-0.18	-0.61
700.	11	1518.5	3.9	1523.6	1511.6	11	-1.4	-0.7	-2.5	11	14.54	12.55	11	-0.57	-0.38	-0.85
800.	10	1511.9	4.7	1517.5	1503.9	10	-1.9	-1.4	-2.6	10	12.20	10.01	10	-0.68	-0.56	-0.85
900.	7	1506.8	3.6	1510.6	1501.3	7	-2.0	-1.3	-2.4	7	10.34	8.87	7	-0.68	-0.45	-0.73
1000.	4	1498.3	2.1	1501.2	1496.3	4	-1.9	-1.4	-2.5	4	7.69	7.19	4	-0.62	-0.48	-0.79
1100.	2	1493.2	0.7	1493.7	1492.7	2	-0.9	-0.5	-1.2	2	5.99	5.86	2	-0.34	-0.27	-0.41
1200.	2	1491.4	0.1	1491.5	1491.3	2	-0.5	-0.4	-0.7	2	5.13	5.15	2	-0.26	-0.23	-0.29
1300.	2	1491.8	0.4	1491.5	1491.0	2	0.2	0.2	0.1	2	4.69	4.74	2	-0.09	-0.08	-0.10
1400.	2	1491.8	0.2	1491.9	1491.6	2	0.2	0.2	0.1	2	4.42	4.45	2	-0.08	-0.08	-0.09
1500.	2	1492.8	0.4	1493.0	1492.5	2	0.3	0.4	0.3	2	4.24	4.29	2	-0.04	-0.04	-0.05
1750.	2	1495.7	0.2	1495.8	1495.5	1	0.4	0.4	0.4	2	3.93	3.96	1	-0.04	-0.04	-0.04
2000.	2	1499.1	0.1	1499.1	1499.0	2	0.5	0.6	0.4	2	3.73	3.74	2	-0.01	-0.02	-0.02
2500.	2	1506.3	0.1	1506.4	1506.2	2	0.4	0.5	0.4	2	3.44	3.46	2	-0.02	-0.01	-0.02
3000.	2	1513.2	0.1	1513.2	1513.1	2	0.4	0.4	0.4	2	3.01	3.03	2	-0.03	-0.03	-0.03
4000.	0	1527.9	0.0	1527.9	1527.9	2	0.5	0.5	0.5	2	2.40	2.40	2	-0.01	-0.01	-0.01
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.33	2.33	1	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT			
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NU	AVG	MAX	MIN
0.	20	1538.5	2.0	1541.0	1534.4	0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	20	1538.4	2.2	1541.2	1534.3	20	-0.5	5.0	-7.6	33	-0.54	0.27	-3.96
20.	20	1538.1	2.4	1541.2	1534.3	20	-1.8	0.6	-10.2	33	-1.19	0.12	-5.55
30.	20	1536.9	3.4	1540.9	1531.7	19	-4.9	1.7	-14.0	32	-3.16	0.44	-24.39
40.	20	1533.9	5.5	1539.8	1524.3	20	-4.9	-0.3	-13.7	33	-5.43	-0.35	-60.35
50.	20	1531.1	5.9	1539.0	1523.4	20	-3.6	-1.1	-10.9	33	-1.84	-0.23	-5.38
100.	20	1528.9	5.2	1536.5	1522.8	20	-2.6	-0.4	-6.1	33	-1.49	-0.30	-3.94
125.	20	1527.1	4.0	1533.2	1522.6	20	-2.1	-0.1	-5.1	33	-1.15	-0.04	-3.43
150.	20	1525.8	2.9	1530.4	1522.6	20	-1.4	0.1	-3.8	33	-0.66	0.41	-1.87
200.	20	1524.5	1.3	1527.0	1523.0	20	-0.5	0.4	-2.3	33	-0.14	10.55	-1.06
250.	20	1524.5	0.8	1526.1	1523.6	20	0.1	1.0	-0.6	33	-0.30	-0.01	-0.76
300.	20	1524.7	0.4	1525.6	1524.1	20	0.2	0.6	-0.4	33	-0.22	-0.01	-0.67
400.	20	1525.0	0.6	1526.2	1524.0	20	0.1	0.4	-0.2	33	-0.24	-0.04	-0.74
500.	19	1524.7	0.6	1526.3	1523.8	18	-0.1	0.2	-1.0	32	-0.35	-0.10	-0.77
600.	18	1522.5	1.4	1525.9	1519.8	18	-0.8	-0.1	-1.9	31	-0.42	-0.20	-0.72
700.	18	1517.9	2.9	1523.2	1514.0	18	-1.5	-0.1	-3.0	31	-0.62	-0.13	-1.44
800.	18	1511.2	3.8	1519.2	1505.6	18	-2.1	-1.0	-3.0	31	-0.63	-0.11	-3.44
900.	15	1502.9	3.7	1510.2	1498.0	14	-2.3	-1.5	-2.7	27	-0.85	-0.08	-3.92
1000.	15	1497.3	3.1	1502.0	1492.9	14	-1.6	-0.9	-2.2	26	-0.44	-0.03	-0.72
1100.	15	1493.9	2.3	1498.9	1490.4	14	-1.0	-0.5	-1.7	26	-0.51	-0.03	-0.58
1200.	15	1492.0	1.8	1496.5	1490.0	14	-0.4	0.2	-0.8	26	-0.46	-0.03	-0.52
1300.	15	1492.0	1.1	1494.9	1490.7	13	-0.0	0.2	-0.4	26	-0.36	-0.01	-0.23
1400.	15	1492.3	0.6	1493.9	1491.7	15	0.1	0.3	-0.3	26	-0.26	-0.02	-0.20
1500.	15	1493.1	0.3	1493.6	1492.7	14	0.3	0.6	-0.1	26	-0.19	0.07	-0.15
1750.	15	1495.9	0.1	1496.3	1495.7	14	0.4	0.6	0.3	26	-0.12	-0.01	-0.05
2000.	14	1499.4	0.0	1499.7	1499.1	14	0.4	0.5	0.4	25	-0.08	-0.01	-0.03
2500.	14	1504.4	0.2	1506.9	1506.0	13	0.4	0.4	0.3	25	-0.02	-0.01	-0.05
3000.	13	1513.1	0.1	1513.4	1512.7	12	0.4	0.4	0.4	24	-0.03	-0.02	-0.05
4000.	13	1527.9	0.1	1528.1	1527.6	11	0.5	0.5	0.5	22	-0.01	-0.03	-0.02
5000.	1	1545.5	0.0	1545.5	1545.5	1	0.5	0.5	0.5	3	-0.00	0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 66 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	6	1532.1	1.5	1533.9	1529.9	0	0.0	0.0	0.0	0.0	6	23.23	0.62	23.98	22.34
10.	6	1532.2	1.5	1534.0	1530.0	6	1.1	3.0	0.3	0.3	6	23.21	0.62	23.96	22.33
20.	6	1532.4	1.5	1534.2	1530.2	6	0.2	0.6	0.3	0.3	6	23.22	0.62	23.96	22.34
30.	6	1532.5	1.5	1534.4	1530.4	6	0.5	1.0	0.5	0.5	6	23.20	0.62	23.97	22.35
50.	6	1532.8	1.5	1534.6	1530.7	6	0.3	0.5	0.2	0.2	6	23.18	0.60	23.89	22.36
75.	6	1533.0	1.5	1535.0	1529.9	6	0.4	1.5	-0.2	-0.2	6	23.09	0.62	23.91	22.24
100.	6	1532.4	2.3	1535.5	1529.8	6	-0.8	0.5	-3.0	-3.0	6	22.65	0.95	23.93	21.56
125.	6	1530.3	3.3	1535.7	1526.6	6	-2.4	0.6	-5.1	-5.1	6	21.65	1.32	23.81	20.20
150.	6	1528.4	3.2	1532.8	1525.0	6	-2.7	-2.0	-4.7	-4.7	6	20.75	1.22	22.44	19.50
200.	6	1525.6	1.6	1527.6	1524.3	6	-1.7	-0.7	-3.4	-3.4	6	19.41	0.56	20.12	18.93
250.	5	1524.6	0.6	1525.6	1524.1	5	-0.3	-0.1	-0.8	-0.8	5	18.74	0.21	19.09	18.59
300.	5	1524.5	0.3	1525.0	1524.3	5	0.0	0.3	-0.2	-0.2	5	18.44	0.10	18.62	18.37
400.	5	1524.7	0.0	1524.9	1524.6	5	0.3	1.4	-0.1	-0.1	5	17.97	0.04	18.03	17.92
500.	4	1524.9	0.7	1525.6	1523.9	4	-0.2	0.1	-0.6	-0.6	4	17.51	0.24	17.73	17.18
600.	4	1520.4	5.5	1524.5	1512.4	4	-1.4	-0.2	-2.6	-2.6	4	15.62	1.62	16.86	13.25
700.	4	1514.9	7.2	1520.6	1504.5	4	-1.5	-0.7	-2.4	-2.4	4	13.54	2.01	15.17	10.62
800.	4	1509.8	7.9	1515.6	1498.1	4	-1.5	-1.0	-1.9	-1.9	4	11.64	2.14	13.20	8.48
900.	4	1504.1	7.1	1508.1	1493.5	4	-1.8	-1.4	-2.3	-2.3	4	9.64	1.86	10.70	6.86
1000.	4	1499.2	5.9	1503.3	1490.5	4	-1.5	-0.9	-2.0	-2.0	4	7.93	1.49	8.98	5.72
1100.	4	1495.2	3.9	1498.7	1489.7	4	-1.2	0.1	-1.7	-1.7	4	6.48	0.96	7.36	5.12
1200.	4	1492.5	2.1	1495.1	1489.9	4	-0.8	0.1	-1.2	-1.2	4	5.39	0.52	6.04	4.78
1300.	4	1491.9	1.0	1492.6	1490.4	4	-0.1	0.2	-0.8	-0.8	4	4.85	0.24	5.02	4.49
1400.	4	1492.4	0.8	1493.1	1491.3	4	0.2	0.3	0.1	0.1	4	4.56	0.17	4.73	4.32
1500.	4	1493.2	0.6	1493.8	1492.4	4	0.2	0.3	0.2	0.2	4	4.35	0.15	4.50	4.17
1750.	4	1496.0	0.4	1496.3	1495.4	4	0.4	0.5	0.3	0.3	4	4.03	0.10	4.09	3.88
2000.	4	1499.3	0.3	1499.6	1498.8	4	0.4	0.4	0.4	0.4	4	3.80	0.09	3.87	3.67
2500.	4	1506.3	0.4	1506.6	1505.8	4	0.4	0.5	0.4	0.4	4	3.44	0.08	3.49	3.34
3000.	4	1513.3	0.0	1513.3	1513.2	4	0.4	0.5	0.4	0.4	4	3.04	0.02	3.06	3.02
4000.	3	1527.8	0.1	1527.9	1527.8	3	0.5	0.5	0.5	0.5	3	2.37	0.01	2.38	2.36

SUMMARY FOR ONE DEGREE SQUARE 67 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	7	1533.9	4.3	1537.6	1527.7	0	0.0	0.0	0.0	8	23.72	1.80	25.52	21.42	0	0.00	0.00	0.00		
10.	8	1533.0	4.8	1537.7	1526.8	8	-1.3	0.3	-7.5	8	23.53	1.98	25.50	21.01	8	-0.64	0.03	-3.01		
20.	8	1532.6	5.4	1537.8	1525.3	8	-1.1	0.6	-6.7	8	23.32	2.19	25.48	20.46	8	-0.63	0.03	-2.71		
30.	8	1532.0	5.9	1538.0	1523.3	8	-2.2	0.6	-7.9	8	23.04	2.38	25.46	19.65	8	-1.11	-0.06	-3.54		
50.	9	1530.6	6.4	1538.1	1520.2	9	-2.2	0.6	-7.2	9	22.33	2.48	25.37	18.45	9	-1.14	0.03	-3.17		
75.	9	1528.4	5.9	1535.8	1519.7	9	-2.0	-0.6	-4.0	9	21.26	2.21	24.08	18.13	9	-1.02	-0.39	-1.84		
100.	9	1527.2	5.6	1534.5	1519.6	9	-1.4	1.0	-3.0	9	20.63	2.08	23.37	17.94	9	-0.69	-0.41	-1.22		
125.	9	1526.2	4.8	1532.5	1520.1	9	-1.1	0.6	-2.8	9	20.09	1.76	22.40	17.96	9	-0.62	0.02	-1.28		
150.	9	1525.5	4.2	1530.9	1520.5	9	-0.2	0.5	-1.5	9	19.70	1.49	21.64	17.97	9	-0.33	0.01	-0.69		
200.	9	1524.8	3.0	1528.7	1521.3	9	-0.6	0.4	-2.0	9	19.15	1.07	20.50	17.95	9	-0.40	-0.04	-0.63		
250.	9	1524.1	1.9	1526.4	1521.2	9	-0.5	0.4	-1.5	9	18.59	0.64	19.39	17.64	9	-0.33	-0.05	-0.71		
300.	9	1523.9	1.4	1525.3	1521.1	9	0.4	1.0	-0.1	9	18.24	0.46	18.72	17.34	9	-0.09	-0.08	-0.18		
400.	9	1524.3	1.8	1525.8	1520.1	9	-0.1	0.5	-1.7	9	17.84	0.57	18.34	16.51	9	-0.18	-0.02	-0.65		
500.	9	1523.5	3.4	1525.8	1514.6	9	-0.5	0.1	-1.7	9	17.06	1.04	17.79	14.34	9	-0.29	-0.12	-0.66		
600.	7	1520.4	5.4	1524.0	1508.5	7	-0.9	-0.4	-2.0	7	15.62	1.58	16.70	12.14	7	-0.42	-0.29	-0.69		
700.	7	1516.1	6.6	1520.8	1501.9	7	-1.7	-0.9	-3.3	7	13.88	1.86	15.21	9.91	7	-0.64	-0.43	-1.05		
800.	7	1510.3	6.9	1515.3	1496.5	7	-1.8	-1.1	-2.5	7	11.78	1.87	13.13	8.06	7	-0.65	-0.45	-0.94		
900.	7	1504.5	5.9	1508.6	1492.3	7	-1.8	-1.4	-2.9	7	9.74	1.52	10.81	6.58	7	-0.64	-0.12	-0.91		
1000.	7	1498.7	4.3	1502.4	1489.5	7	-1.9	-0.6	-2.5	7	7.78	1.07	8.73	5.48	7	-0.62	-0.27	-0.79		
1100.	7	1494.1	2.8	1497.1	1488.8	7	-1.1	-0.1	-1.8	7	6.21	0.68	6.92	4.90	7	-0.41	-0.13	-0.58		
1200.	7	1492.3	1.6	1494.0	1489.2	7	-0.3	0.2	-1.3	7	5.35	0.40	5.77	4.59	7	-0.21	-0.07	-0.44		
1300.	7	1492.0	1.2	1493.9	1489.9	7	-0.1	0.2	-0.3	7	4.87	0.30	5.34	4.36	7	-0.14	-0.07	-0.20		
1400.	7	1492.4	0.9	1493.9	1490.7	7	0.2	0.3	0.1	7	4.55	0.23	4.92	4.16	7	-0.08	-0.05	-0.13		
1500.	7	1493.1	0.7	1493.8	1491.7	6	0.2	0.3	-0.0	7	4.33	0.17	4.50	4.00	7	-0.06	-0.03	-0.13		
1750.	6	1495.8	0.5	1496.6	1494.9	6	0.4	0.4	0.3	6	3.98	0.13	4.16	3.75	6	-0.03	-0.01	-0.05		
2000.	6	1499.1	0.5	1499.7	1498.4	6	0.4	0.5	0.4	6	3.75	0.11	3.88	3.58	6	-0.02	-0.02	-0.03		
2500.	5	1506.2	0.2	1506.4	1505.7	4	0.4	0.5	0.4	5	3.41	0.07	3.44	3.29	5	-0.02	-0.01	-0.03		
3000.	5	1513.2	0.2	1513.4	1512.7	4	0.4	0.4	0.4	5	3.02	0.07	3.08	2.91	5	-0.03	-0.03	-0.03		
4000.	5	1527.8	0.0	1527.9	1527.6	5	0.5	0.5	0.5	5	2.36	0.02	2.38	2.33	5	-0.01	-0.01	-0.01		

SUMMARY FOR ONE DEGREE SQUARE 67 OF MARSDEN SQUARE 115 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT							
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN
0.	17	1536.8	1.9	1541.4	1535.4	0	0.0	0.0	0.0	0.0	17	26.16	0.85	27.30	24.56	0	0.00	0.00	0.00	0.00
10.	17	1538.8	2.0	1541.5	1534.6	17	-0.4	1.5	-6.1	-6.1	17	26.08	0.89	27.30	24.14	17	-0.45	0.15	0.15	-2.44
20.	17	1538.3	2.3	1541.7	1534.2	17	-2.0	0.6	-10.7	-10.7	17	25.77	1.04	27.30	23.89	17	-1.15	0.03	0.03	-5.00
30.	17	1536.9	3.2	1540.7	1531.1	17	-5.2	0.3	-12.7	-12.7	17	25.09	1.40	26.75	22.55	17	-2.48	-0.03	-0.03	-5.44
50.	17	1533.6	4.6	1540.3	1525.2	16	-5.8	-0.6	-9.6	-9.6	17	23.52	1.91	26.48	20.13	16	-2.61	-0.61	-0.61	-4.45
75.	17	1529.9	4.6	1537.4	1523.6	16	-4.1	-0.9	-7.4	-7.4	17	21.84	1.80	24.90	19.45	16	-1.89	-0.52	-0.52	-3.16
100.	17	1527.3	3.5	1533.8	1522.9	15	-4.1	-0.4	-8.5	-8.5	17	20.65	1.31	23.13	19.04	16	-1.12	-0.20	-0.20	-3.66
125.	17	1525.8	2.6	1531.7	1522.6	16	-1.6	-0.1	-3.4	-3.4	17	19.94	0.97	22.11	19.81	16	-0.78	-0.21	-0.21	-1.49
150.	17	1524.7	1.9	1529.7	1522.7	16	-1.1	0.4	-2.9	-2.9	17	19.41	0.68	21.20	18.66	16	-0.59	-0.04	-0.04	-1.28
200.	17	1523.6	1.1	1526.7	1522.2	17	-0.3	0.8	-2.1	-2.1	17	18.72	0.38	19.78	18.26	17	-0.28	-0.02	-0.02	-0.90
250.	17	1523.5	1.4	1525.4	1519.0	16	0.0	1.0	-2.0	-2.0	17	18.38	0.44	19.03	16.96	17	-0.19	-0.03	-0.03	-0.82
300.	17	1523.6	1.9	1525.0	1516.6	17	0.1	0.4	-1.5	-1.5	17	18.16	0.61	18.63	15.96	17	-0.12	-0.02	-0.02	-0.61
400.	16	1523.7	3.2	1525.4	1511.9	16	0.1	0.4	-1.4	-1.4	17	17.70	0.97	18.29	14.05	17	-0.13	-0.02	-0.02	-0.58
500.	16	1523.4	4.4	1526.0	1507.2	16	-0.2	0.4	-1.8	-1.8	17	17.08	1.28	17.83	12.25	17	-0.22	-0.04	-0.04	-0.74
600.	16	1521.8	5.6	1525.0	1501.3	16	-0.7	-0.4	-1.8	-1.8	16	16.03	1.60	17.00	10.15	16	-0.36	-0.28	-0.28	-0.64
700.	15	1517.9	6.3	1522.4	1496.1	15	-1.3	-0.8	-1.9	-1.9	15	14.39	1.76	15.68	8.36	15	-0.53	-0.40	-0.40	-0.70
800.	13	1512.7	6.6	1518.2	1492.0	12	-1.8	-1.2	-3.0	-3.0	14	12.49	1.73	13.95	6.89	14	-0.61	-0.45	-0.45	-0.72
900.	10	1506.1	6.8	1512.2	1488.9	10	-2.0	-0.9	-2.5	-2.5	11	10.28	1.72	11.78	5.73	11	-0.67	-0.35	-0.35	-0.81
1000.	8	1500.3	6.0	1505.5	1487.1	7	-1.5	-0.5	-2.0	-2.0	9	8.36	1.50	9.61	4.89	9	-0.55	-0.26	-0.26	-0.69
1100.	8	1495.8	4.1	1499.9	1487.5	8	-1.3	0.1	-1.8	-1.8	8	6.64	1.00	7.66	4.60	8	-0.47	-0.03	-0.03	-0.60
1200.	8	1492.9	2.4	1495.4	1488.2	7	-0.7	0.2	-1.5	-1.5	8	5.49	0.59	6.11	4.35	8	-0.31	-0.08	-0.08	-0.49
1300.	7	1492.1	1.9	1494.6	1489.0	7	-0.1	0.3	-0.6	-0.6	7	4.89	0.44	5.49	4.16	7	-0.14	-0.05	-0.05	-0.27
1400.	7	1492.3	1.2	1494.1	1490.2	7	0.1	0.4	-0.2	-0.2	7	4.53	0.28	4.96	4.04	7	-0.10	-0.03	-0.03	-0.17
1500.	7	1493.0	0.6	1493.9	1491.9	7	0.3	0.6	-0.1	-0.1	7	4.31	0.16	4.52	4.04	7	-0.06	0.01	0.01	-0.13
1750.	7	1495.7	0.5	1496.2	1494.9	7	0.3	0.4	0.2	0.2	7	3.94	0.11	4.05	3.76	7	-0.03	-0.02	-0.02	-0.07
2000.	6	1499.1	0.3	1499.6	1498.7	6	0.4	0.5	0.3	0.3	6	3.74	0.08	3.87	3.66	6	-0.02	-0.02	-0.02	-0.04
2500.	4	1506.3	0.4	1506.7	1505.7	3	0.4	0.4	0.4	0.4	4	3.42	0.10	3.53	3.28	4	-0.03	-0.02	-0.02	-0.03
3000.	3	1513.0	0.5	1513.4	1512.5	1	0.4	0.4	0.4	0.4	3	2.96	0.11	3.07	2.85	2	-0.03	-0.03	-0.03	-0.03
4000.	2	1527.9	0.1	1527.9	1527.8	2	0.5	0.5	0.5	0.5	2	2.37	0.03	2.39	2.35	2	-0.01	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 68 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1528.7	7.1	1535.8	1518.5	0	0.0	0.0	0.0	8	22.18	2.59	24.74	18.05	0	0.00	0.00	0.00
10.	7	1528.1	6.7	1535.3	1518.6	7	-1.8	0.7	-7.8	8	21.93	2.47	24.40	18.05	8	-0.84	0.18	-3.39
20.	7	1527.1	5.8	1532.1	1518.8	7	-3.0	0.6	-10.7	8	21.51	2.24	23.84	18.05	8	-1.27	0.03	-4.51
30.	7	1526.4	5.3	1532.2	1519.0	7	-2.7	0.6	-4.6	8	20.14	2.07	23.37	18.05	8	-1.96	-1.22	-6.71
50.	7	1525.0	4.2	1530.7	1519.3	7	-1.6	0.5	-4.6	8	20.29	1.51	22.33	18.06	8	-0.81	0.02	-1.94
75.	7	1523.7	3.0	1528.1	1519.7	7	-1.5	0.5	-3.4	8	19.67	1.11	21.12	18.06	8	-0.79	-0.01	-1.58
100.	7	1522.7	2.0	1525.9	1520.1	7	-0.9	0.5	-1.8	8	19.13	0.81	20.26	18.06	8	-0.52	-0.01	-0.87
125.	7	1522.2	1.6	1525.3	1520.5	7	-0.6	0.5	-1.3	8	18.80	0.68	19.84	18.06	8	-0.39	0.02	-0.62
150.	7	1522.0	1.3	1524.7	1520.9	7	-0.2	0.6	-0.9	8	18.53	0.52	19.38	18.05	8	-0.30	0.02	-0.83
200.	7	1522.1	0.8	1523.9	1521.4	7	0.1	0.5	-0.3	8	18.22	0.31	18.81	17.94	8	-0.10	0.01	-0.54
250.	7	1522.7	0.7	1524.2	1522.1	7	0.4	0.5	0.2	8	18.13	0.25	18.61	17.90	8	-0.04	-0.01	-0.12
300.	7	1523.2	0.6	1524.4	1522.7	7	0.3	0.6	0.1	8	18.03	0.21	18.40	17.80	8	-0.07	-0.04	-0.13
400.	7	1524.0	0.5	1524.8	1523.3	7	0.3	0.6	0.2	8	17.76	0.18	17.97	17.49	8	-0.06	-0.04	-0.11
500.	7	1524.6	0.7	1525.8	1523.7	7	0.1	0.3	-0.6	8	17.43	0.23	17.77	17.11	8	-0.13	-0.06	-0.35
600.	7	1522.8	1.1	1524.5	1521.3	7	-0.8	-0.6	-1.2	8	16.33	0.33	16.86	15.87	8	-0.40	-0.30	-0.57
700.	7	1519.0	2.0	1521.8	1516.2	7	-1.3	-0.9	-1.8	8	14.66	0.56	15.50	13.86	8	-0.55	-0.43	-0.61
800.	7	1513.9	2.5	1517.1	1510.4	7	-1.8	-1.5	-2.4	8	12.59	0.78	13.63	11.59	8	-0.72	-0.57	-1.03
900.	7	1507.5	2.9	1510.6	1503.7	7	-2.1	-1.6	-2.4	8	10.32	0.93	11.36	8.91	8	-0.72	-0.59	-0.82
1000.	7	1501.5	3.1	1506.0	1497.2	7	-1.7	-1.2	-2.4	8	8.33	0.90	9.69	7.12	8	-0.59	-0.45	-0.79
1100.	7	1496.5	2.7	1501.7	1493.3	7	-1.4	-0.6	-2.1	8	6.66	0.73	8.12	5.79	8	-0.49	-0.30	-0.65
1200.	7	1493.0	1.9	1496.7	1490.8	7	-0.6	-0.1	-1.6	8	5.48	0.44	6.43	4.98	8	-0.27	-0.14	-0.52
1300.	6	1492.6	0.9	1493.7	1491.1	6	-0.1	0.5	-0.9	7	4.58	0.21	5.30	4.66	7	-0.14	-0.11	-0.34
1400.	6	1492.9	0.6	1493.9	1492.2	6	0.1	0.2	0.0	7	4.65	0.16	4.93	4.48	7	-0.10	-0.09	-0.12
1500.	6	1493.4	0.6	1494.3	1492.6	6	0.2	0.3	0.1	7	4.36	0.14	4.61	4.22	7	-0.07	-0.03	-0.12
1750.	6	1495.7	0.4	1496.1	1495.1	6	0.3	0.4	0.3	7	3.95	0.10	4.04	3.79	7	-0.04	-0.02	-0.06
2000.	5	1499.0	0.4	1499.5	1498.4	5	0.4	0.5	0.3	6	3.74	0.10	3.84	3.59	6	-0.02	-0.02	-0.03
2500.	3	1506.4	0.3	1506.7	1506.2	3	0.4	0.5	0.4	4	3.45	0.06	3.53	3.40	4	-0.02	-0.02	-0.03
3000.	3	1513.3	0.3	1513.6	1513.1	3	0.4	0.4	0.4	3	3.05	0.05	3.11	3.01	3	-0.03	-0.03	-0.03
4000.	3	1527.8	0.1	1527.8	1527.7	3	0.5	0.5	0.5	3	2.35	0.02	2.37	2.34	3	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 68 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1539.3	2.2	1542.4	1537.0	0	0.0	0.0	0.0	9	26.40	0.89	27.80	25.34	0	0.00	0.00	0.00
10.	8	1539.2	2.2	1542.6	1536.7	0	-0.4	1.0	-2.4	9	26.27	0.92	27.80	25.21	9	-0.45	0.30	-1.46
20.	8	1538.5	2.1	1542.5	1535.2	8	-1.9	0.6	-4.6	9	25.92	1.09	27.69	24.47	9	-1.07	-0.34	-2.26
30.	8	1536.8	4.2	1542.2	1531.7	8	-5.4	-0.9	-14.0	9	25.13	1.73	27.47	22.88	9	-2.42	-0.24	-6.04
50.	9	1533.8	6.2	1540.8	1526.3	8	-4.0	0.5	-7.3	9	23.69	2.60	26.72	20.57	9	-1.86	-0.03	-3.28
75.	9	1530.1	6.4	1540.7	1522.7	8	-2.9	-0.1	-6.7	9	22.00	2.60	26.49	19.08	9	-1.45	-0.28	-3.14
100.	9	1528.1	5.7	1540.0	1521.6	9	-1.9	-0.9	-6.1	9	21.00	2.27	25.90	18.55	9	-0.94	-0.30	-2.80
125.	9	1526.8	5.2	1538.9	1521.7	8	-1.2	0.1	-3.3	9	20.33	2.04	25.17	18.45	9	-0.64	-0.08	-1.46
150.	9	1526.0	4.8	1537.4	1521.8	9	-0.6	0.2	-2.9	9	19.89	1.84	24.31	18.35	9	-0.47	-0.10	-1.29
200.	8	1525.3	3.8	1533.1	1522.0	8	-0.2	1.0	-2.6	8	19.30	1.40	22.18	18.13	8	-0.31	-0.09	-1.30
250.	8	1524.8	2.9	1529.5	1522.1	8	-0.2	0.2	-1.2	8	18.84	1.04	20.50	17.88	8	-0.23	-0.10	-0.62
300.	8	1524.6	2.6	1529.7	1522.1	8	-0.1	0.3	-1.0	8	18.50	0.94	20.33	17.64	8	-0.18	-0.08	-0.56
400.	8	1524.4	1.6	1527.9	1523.1	8	-0.1	0.4	-1.4	8	17.87	0.56	19.12	17.42	8	-0.19	-0.05	-0.67
500.	8	1523.9	0.9	1525.0	1522.3	8	-0.1	0.3	-1.4	8	17.18	0.29	17.49	16.67	8	-0.20	-0.07	-0.64
600.	8	1522.1	2.0	1523.9	1518.7	8	-0.8	-0.4	-1.4	8	16.10	0.60	16.65	15.07	8	-0.41	-0.28	-0.56
700.	8	1518.4	2.0	1520.9	1514.0	8	-1.2	-0.9	-1.4	8	14.52	0.76	15.24	13.24	8	-0.50	-0.42	-0.63
800.	8	1513.2	2.6	1516.5	1504.3	8	-2.0	-1.4	-2.4	8	12.55	0.72	13.47	11.49	8	-0.68	-0.53	-0.79
900.	8	1506.7	2.6	1510.6	1504.1	8	-2.0	-1.5	-2.5	8	10.32	0.69	11.36	9.64	8	-0.68	-0.55	-0.81
1000.	7	1500.1	2.2	1503.8	1497.5	7	-1.7	-1.1	-2.2	7	8.14	0.55	9.09	7.49	7	-0.59	-0.44	-0.73
1100.	7	1493.5	2.1	1499.0	1492.5	7	-1.3	-1.0	-1.6	7	6.56	0.52	7.43	5.82	7	-0.47	-0.39	-0.54
1200.	7	1493.2	1.4	1495.7	1490.9	7	-0.4	0.1	-0.9	7	5.58	0.35	6.19	5.02	7	-0.21	-0.10	-0.34
1300.	6	1492.6	1.1	1494.6	1491.3	6	-0.2	0.1	-0.4	6	5.02	0.27	5.50	4.70	6	-0.17	-0.10	-0.21
1400.	6	1492.4	0.8	1493.9	1491.8	6	-0.1	0.2	-0.2	6	4.56	0.19	4.92	4.41	6	-0.14	-0.08	-0.18
1500.	6	1492.6	0.6	1493.6	1492.0	6	0.1	0.4	-0.1	6	4.22	0.14	4.46	4.07	6	-0.09	-0.03	-0.14
1750.	6	1493.2	0.3	1495.8	1494.3	6	0.3	0.4	0.2	6	3.83	0.08	3.96	3.72	6	-0.04	-0.02	-0.07
2000.	4	1498.8	0.1	1499.0	1498.7	4	1.1	3.0	0.4	4	3.67	0.03	3.71	3.64	4	-0.02	-0.02	-0.03
2500.	1	1506.2	0.0	1506.2	1506.2	1	0.4	0.4	0.4	1	3.41	0.00	3.41	3.41	1	-0.02	-0.02	-0.02
3000.	1	1513.4	0.0	1513.4	1513.4	1	0.4	0.4	0.4	1	3.07	0.00	3.07	3.07	1	-0.02	-0.02	-0.02
4000.	1	1527.8	0.0	1527.8	1527.8	1	0.5	0.5	0.5	1	2.36	0.00	2.36	2.36	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 08 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	11	1532.7	4.0	1538.3	1524.9	0	0.0	0.0	0.0	11	23.53	1.66	25.92	20.45	0	0.00	0.00	0.00
10.	11	1532.9	4.0	1538.5	1525.1	11	0.6	0.7	0.3	11	23.53	1.66	25.92	20.44	11	-0.01	0.03	-0.09
20.	11	1533.1	4.0	1538.7	1525.3	11	0.5	0.6	0.3	11	23.53	1.66	25.92	20.44	11	-0.01	0.03	-0.09
30.	11	1533.2	4.0	1538.8	1525.5	11	0.0	1.0	-4.6	11	23.50	1.64	25.92	20.43	11	-0.26	0.03	-2.44
50.	11	1533.1	3.7	1538.9	1525.8	11	-1.3	0.8	-6.1	11	23.30	1.54	25.80	20.42	11	-0.76	0.02	-2.74
75.	11	1531.1	3.3	1538.3	1525.9	11	-3.2	0.6	-7.9	11	22.27	1.34	25.31	20.30	11	-1.55	0.01	-3.41
100.	11	1528.4	2.7	1535.4	1525.9	11	-3.0	-1.0	-6.9	11	21.07	1.06	23.87	20.12	11	-1.35	-0.22	-3.24
125.	11	1526.4	1.6	1530.7	1524.5	11	-2.6	-0.4	-5.7	11	20.12	0.62	21.77	19.43	11	-1.17	-0.32	-2.56
150.	11	1524.8	1.3	1528.3	1523.0	11	-1.8	-0.6	-2.9	11	19.42	0.47	20.68	18.77	11	-0.77	-0.33	-1.25
200.	11	1523.7	1.0	1526.1	1522.4	11	0.0	0.5	-0.7	11	18.72	0.36	19.58	18.25	11	-0.17	-0.01	-0.44
250.	11	1523.7	0.6	1525.2	1522.8	11	-0.0	0.7	-0.5	11	18.43	0.22	18.95	18.12	11	-0.19	-0.08	-0.39
300.	11	1523.6	0.5	1524.6	1523.0	11	-0.0	0.3	-0.4	11	18.14	0.18	18.47	17.93	11	-0.17	-0.06	-0.59
400.	11	1523.9	0.5	1525.0	1523.2	11	0.1	0.5	-1.2	11	17.69	0.18	18.09	17.46	11	-0.13	-0.01	-0.54
500.	11	1523.8	1.2	1526.0	1522.4	11	-0.1	0.4	-0.8	11	17.15	0.39	17.88	16.68	11	-0.19	-0.01	-0.33
600.	11	1522.3	2.2	1526.5	1518.9	11	-0.8	0.2	-2.3	11	16.17	0.70	17.52	15.12	11	-0.39	-0.11	-0.76
700.	11	1518.7	3.2	1525.1	1512.6	11	-1.3	-0.6	-2.4	11	14.60	0.97	16.63	12.82	11	-0.52	-0.31	-0.82
800.	11	1513.3	4.7	1522.2	1504.2	11	-1.8	-0.6	-3.0	11	12.58	1.33	15.18	10.08	11	-0.66	-0.31	-0.97
900.	11	1507.6	5.7	1518.5	1498.0	11	-1.9	-1.1	-3.2	11	10.57	1.53	13.57	8.02	11	-0.66	-0.48	-0.97
1000.	11	1501.5	5.5	1511.8	1492.3	11	-2.0	-1.0	-2.7	11	8.51	1.42	11.24	6.16	11	-0.66	-0.37	-0.89
1100.	11	1496.1	4.3	1505.6	1489.9	11	-1.5	-0.7	-2.5	11	6.71	1.08	9.15	5.17	11	-0.52	-0.30	-0.77
1200.	11	1493.2	3.0	1499.6	1489.2	11	-0.7	-0.1	-1.8	11	5.57	0.74	7.15	4.59	11	-0.29	-0.14	-0.61
1300.	11	1492.2	1.9	1495.5	1489.3	11	-0.1	0.4	-0.5	11	4.93	0.47	5.71	4.22	11	-0.15	-0.04	-0.27
1400.	11	1492.2	1.1	1494.3	1490.5	11	0.0	0.4	-0.5	11	4.52	0.27	5.02	4.11	11	-0.12	-0.03	-0.23
1500.	10	1492.8	0.6	1493.6	1491.7	10	0.3	0.4	0.3	11	4.28	0.17	4.58	4.00	11	-0.05	-0.03	-0.06
1750.	10	1495.6	0.5	1496.3	1494.9	10	0.3	0.4	0.3	11	3.93	0.14	4.14	3.75	11	-0.04	-0.03	-0.05
2000.	8	1498.9	0.5	1499.4	1498.3	8	0.4	0.5	0.4	8	3.69	0.12	3.83	3.55	8	-0.03	-0.01	-0.03
22500.	3	1506.3	0.2	1506.5	1506.1	3	0.4	0.4	0.4	4	3.47	0.05	3.57	3.39	4	-0.02	-0.01	-0.02
30000.	1	1513.5	0.0	1513.5	1513.5	0	0.0	0.0	0.0	2	3.08	0.04	3.11	3.05	2	-0.03	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 64 OF MAXSDEN SQUARE 115 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	11	1538.6	0.8	1539.9	1537.7	0	0.0	0.0	0.0	12	26.14	0.57	27.37	25.59	0	0.00	0.00
10.	11	1537.9	1.5	1540.1	1535.6	11	-2.3	0.7	-7.3	12	25.78	0.84	27.24	24.58	12	-1.12	0.37
20.	11	1537.1	2.7	1540.3	1532.6	10	-2.2	0.6	-13.7	12	25.39	1.28	27.10	23.32	11	-1.02	0.09
30.	11	1536.9	4.3	1540.4	1529.0	9	-6.1	0.6	-16.5	12	24.46	1.93	26.73	21.76	10	-2.70	0.05
40.	11	1532.1	5.8	1540.3	1526.4	10	-7.3	-4.0	-9.6	12	23.13	2.41	26.50	20.63	11	-3.38	-1.72
75.	11	1528.1	4.5	1534.8	1523.4	10	-4.3	-3.0	-8.4	12	21.25	1.71	23.81	19.36	11	-2.07	-1.50
100.	11	1528.6	3.8	1531.5	1520.6	11	-2.7	-1.0	-6.1	12	20.11	1.36	22.25	18.24	12	-1.18	-0.56
125.	11	1524.5	2.7	1528.6	1520.8	9	-1.0	0.2	-3.0	12	19.54	0.95	20.97	18.18	11	-0.66	-0.07
150.	11	1524.0	2.2	1527.9	1521.1	11	-0.6	0.4	-1.5	12	19.16	0.76	20.57	18.12	12	-0.42	-0.07
200.	11	1523.3	1.6	1526.8	1521.6	11	-0.2	0.3	-0.7	12	18.63	0.55	19.87	18.02	12	-0.25	-0.06
250.	11	1523.5	1.2	1526.0	1522.3	11	0.1	0.4	-0.5	12	18.38	0.38	19.26	17.96	12	-0.14	-0.04
300.	11	1523.8	0.8	1525.4	1522.9	10	0.3	0.6	-0.4	12	18.19	0.26	18.77	17.89	11	-0.10	-0.04
400.	11	1524.4	0.8	1525.3	1522.3	11	0.3	0.6	-0.2	12	17.87	0.25	18.15	17.16	12	-0.07	-0.03
500.	11	1524.1	1.6	1526.0	1520.2	11	-0.1	0.4	-0.6	12	17.23	0.50	17.84	16.03	12	-0.19	-0.05
600.	11	1521.8	2.6	1525.4	1516.7	5	-0.7	-0.5	-0.9	12	16.05	0.76	17.11	14.49	6	-0.36	-0.31
700.	4	1521.0	1.3	1522.0	1519.3	4	-1.3	-1.0	-1.6	5	15.23	0.33	15.58	14.79	5	-0.53	-0.41
800.	4	1515.8	1.2	1517.0	1514.1	4	-1.7	-1.5	-1.9	5	13.51	0.30	13.61	12.81	5	-0.61	-0.48
900.	4	1509.5	1.4	1510.6	1507.4	4	-2.1	-2.0	-2.2	5	11.12	0.36	11.40	10.51	5	-0.72	-0.58
1000.	4	1503.2	1.4	1504.2	1501.1	4	-1.9	-1.8	-2.1	5	8.99	0.34	9.20	8.40	5	-0.65	-0.62
1100.	4	1497.8	1.8	1498.9	1495.1	4	-1.6	-1.2	-1.8	5	7.18	0.40	7.41	6.47	5	-0.53	-0.59
1200.	4	1494.3	2.2	1495.6	1490.9	4	-1.0	-0.5	-1.3	5	5.84	0.47	6.15	5.02	5	-0.39	-0.44
1300.	4	1492.7	1.4	1493.9	1490.6	4	-0.4	0.2	-0.7	5	5.02	0.30	5.33	4.56	5	-0.20	-0.06
1400.	4	1492.7	0.7	1493.1	1491.6	4	0.1	0.3	-0.2	5	4.63	0.15	4.75	4.38	5	-0.10	-0.05
1500.	4	1493.4	0.5	1493.7	1492.6	4	0.3	0.3	0.2	5	4.38	0.12	4.48	4.21	5	-0.07	-0.05
1700.	4	1496.1	0.3	1496.4	1495.7	3	0.4	0.4	0.3	5	4.02	0.08	4.11	3.93	5	-0.04	-0.03
2000.	4	1499.4	C.3	1499.5	1498.9	4	0.4	0.5	0.4	5	3.79	0.08	3.95	3.70	5	-0.02	-0.01
2500.	3	1506.3	C.4	1506.6	1505.9	3	0.4	0.4	0.4	5	3.45	0.08	3.53	3.33	5	-0.02	-0.01
3000.	1	1513.0	C.0	1513.0	1513.0	1	0.4	0.4	0.4	2	3.07	0.12	3.15	2.98	2	-0.02	-0.02
4000.	1	1527.5	0.0	1527.5	1527.5	1	0.4	0.4	0.4	2	2.37	0.10	2.44	2.30	2	-0.02	-0.01

SUMMARY FROM ONE DECKEE SQUARE TO OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1528.9	11.8	1539.1	1510.6	0	0.0		0.0		0	0.00	0.00	0.00
10.	6	1528.4	11.7	1538.6	1510.1	6	-1.7	0.3	0.3	-3.4	6	-0.90	-0.24	-1.73
20.	6	1527.7	11.5	1538.0	1509.7	6	-1.5	0.6	0.6	-3.0	6	-0.86	-0.21	-1.62
30.	6	1527.3	11.3	1537.3	1509.4	6	-1.6	0.6	0.6	-3.0	6	-0.87	-0.30	-1.53
40.	6	1525.9	10.5	1535.7	1509.0	6	-2.1	1.2	1.2	-5.5	6	-1.09	0.12	-2.35
50.	6	1524.0	9.3	1533.4	1509.3	6	-2.3	1.0	0.7	-6.7	6	-1.11	0.10	-2.61
60.	6	1522.8	8.3	1531.2	1509.3	6	-1.6	0.3	0.3	-2.7	6	-0.76	-0.16	-1.32
70.	6	1521.6	7.8	1529.2	1508.2	6	-1.4	0.2	0.2	-2.4	6	-0.69	-0.27	-1.15
80.	6	1520.6	7.4	1527.4	1507.3	6	-1.2	0.5	0.5	-2.0	6	-0.60	-0.15	-0.79
90.	6	1519.2	7.1	1526.8	1505.8	6	-0.3	0.7	0.7	-1.0	6	-0.29	0.05	-0.46
100.	6	1518.7	7.6	1524.1	1505.3	6	-0.3	0.4	0.4	-1.3	6	-0.27	-0.06	-0.54
110.	6	1518.0	7.9	1523.5	1504.8	6	0.1	0.6	0.6	-1.9	6	-0.18	-0.06	-0.73
120.	6	1516.9	9.5	1524.0	1503.3	6	-0.8	0.5	0.5	-2.1	6	-0.38	-0.02	-0.82
130.	6	1513.4	11.8	1524.4	1498.3	6	-1.3	0.4	0.4	-2.4	6	-0.51	-0.03	-0.73
140.	6	1508.9	12.4	1525.8	1492.1	6	-1.9	0.4	0.4	-2.9	6	-0.66	-0.02	-0.96
150.	6	1502.5	12.7	1521.5	1488.5	6	-1.8	0.6	0.6	-3.6	6	-0.63	-0.28	-1.09
160.	6	1497.7	11.4	1516.8	1486.5	6	-1.2	0.2	0.2	-2.1	6	-0.45	-0.18	-0.70
170.	6	1496.1	5.6	1512.2	1485.8	6	-1.1	0.3	0.3	-2.8	6	-0.41	-0.06	-0.81
180.	6	1490.4	6.3	1503.5	1486.6	6	-0.5	0.2	0.2	-3.0	6	-0.25	-0.09	-0.91
190.	6	1490.1	3.9	1497.7	1487.3	6	-0.3	0.2	0.2	-1.9	6	-0.19	-0.07	-0.65
200.	6	1489.9	2.1	1494.0	1488.2	6	-0.0	0.3	0.3	-0.7	6	-0.12	-0.06	-0.31
210.	6	1490.3	1.3	1492.7	1489.2	6	0.1	0.3	0.3	-0.4	6	-0.09	-0.05	-0.20
220.	6	1491.2	1.2	1493.5	1490.2	5	0.3	0.4	0.4	0.2	6	-0.05	-0.04	-0.06
230.	6	1492.2	1.0	1494.2	1491.5	6	0.3	0.4	0.4	0.2	6	-0.05	-0.02	-0.07
240.	6	1493.2	0.6	1496.4	1494.9	6	0.4	0.5	0.5	0.4	6	-0.03	-0.02	-0.06
250.	6	1498.6	0.4	1499.5	1498.3	6	0.4	0.5	0.5	0.4	6	-0.02	-0.01	-0.04
260.	6	1506.0	0.5	1506.9	1505.6	6	0.4	0.4	0.4	0.4	6	-0.02	-0.01	-0.02
270.	6	1513.0	0.6	1514.0	1512.3	6	0.4	0.4	0.4	0.4	6	-0.03	-0.02	-0.03
280.	5	1528.0	0.3	1528.4	1527.6	5	0.5	0.5	0.5	0.5	5	-0.01	-0.00	-0.02
290.	2	1545.4	0.1	1545.5	1545.3	2	0.5	0.5	0.5	0.5	2	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 74 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1527.2	4.0	1530.9	1521.1	0	0.0	0.0	0.0	0.0	5	21.26	22.70	18.98
10.	5	1526.2	3.3	1529.7	1521.3	5	-3.0	0.3	-7.3	0.0	5	20.53	22.15	18.96
20.	5	1525.3	2.7	1528.7	1521.3	5	-2.7	-1.8	-6.7	0.0	5	20.73	21.69	18.93
30.	5	1524.6	2.3	1527.8	1521.4	5	-2.4	0.3	-5.6	0.0	5	20.73	21.26	18.91
40.	5	1523.2	1.9	1526.1	1521.4	5	-2.0	0.3	-4.6	0.0	5	19.47	20.49	18.82
50.	5	1522.3	1.6	1524.4	1520.1	5	-1.1	0.2	-2.1	0.0	5	18.98	19.72	18.24
100.	5	1521.6	1.6	1523.2	1519.0	5	-0.8	0.2	-1.5	0.0	5	18.59	19.11	17.74
125.	5	1521.4	1.9	1522.8	1518.2	5	-0.3	0.1	-1.0	0.0	5	18.37	18.86	17.33
150.	5	1521.2	2.2	1522.6	1517.3	5	-0.2	0.2	-1.1	0.0	5	18.17	18.64	16.92
200.	5	1521.0	3.1	1522.6	1515.5	5	-0.2	0.2	-1.2	0.0	5	17.84	18.36	16.10
250.	5	1521.0	4.2	1523.2	1513.5	5	-0.0	0.4	-1.2	0.0	5	17.58	18.26	15.25
300.	5	1520.4	5.4	1523.7	1511.3	5	-0.1	0.6	-1.4	0.0	5	17.31	18.18	14.35
400.	5	1520.9	7.9	1525.1	1506.9	5	0.0	0.6	-1.1	0.0	5	16.62	18.07	12.62
500.	5	1520.1	10.2	1525.2	1501.9	5	-0.8	0.2	-2.2	0.0	5	16.09	17.58	10.79
600.	5	1517.0	11.7	1523.2	1496.2	5	-0.8	-0.3	-1.3	0.0	5	14.67	16.44	9.94
700.	5	1512.5	12.0	1519.6	1491.3	5	-1.9	-1.5	-2.4	0.0	5	12.90	14.88	7.16
800.	5	1508.3	10.8	1513.9	1487.7	5	-2.1	-0.8	-3.4	0.0	5	10.71	12.82	5.86
900.	5	1500.0	9.2	1506.3	1486.1	5	-1.6	-0.4	-2.3	0.0	5	8.57	10.19	5.06
1000.	5	1495.6	5.5	1500.0	1486.3	5	-1.1	0.3	-2.1	0.0	5	7.00	8.12	4.70
1100.	5	1492.7	3.2	1495.3	1487.3	5	-0.9	0.3	-1.4	0.0	5	5.85	6.77	4.49
1200.	5	1491.1	1.4	1492.3	1488.4	5	-0.3	0.4	-0.8	0.0	5	5.05	5.35	4.39
1300.	5	1491.2	1.0	1491.9	1489.4	5	0.0	0.3	-0.2	0.0	5	4.68	4.84	4.25
1400.	5	1491.7	0.7	1492.2	1490.5	5	0.4	0.6	0.2	0.0	5	4.40	4.52	4.11
1500.	5	1492.8	0.4	1493.2	1491.7	5	0.3	0.4	0.2	0.0	5	4.24	4.34	3.99
1750.	5	1495.7	0.5	1496.1	1494.9	5	0.4	0.5	0.4	0.0	5	3.93	4.03	3.76
2000.	5	1499.1	0.4	1499.4	1498.5	5	0.4	0.4	0.4	0.0	5	3.73	3.82	3.60
2500.	5	1506.3	0.3	1506.6	1505.9	5	0.4	0.4	0.4	0.0	5	3.42	3.49	3.32
3000.	5	1513.1	0.2	1513.4	1512.7	5	0.5	0.4	0.3	0.0	5	3.00	3.07	2.90
4000.	5	1527.8	0.0	1527.9	1527.7	4	0.5	0.6	0.5	0.0	5	2.06	2.38	2.33
5000.	2	1545.4	0.1	1545.4	1545.3	2	0.5	0.6	0.5	0.0	2	2.31	2.32	2.29

SUMMARY FOR ONE DEGREE SQUARE 76 OF MARSDEN SQUARE 115 FOR MOVING 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1531.3	5.0	1537.1	1524.8	0	0.0	1.97	25.47	20.76	0	0.00	0.00	0.00
10.	5	1530.3	6.0	1536.9	1521.9	5	-3.2	2.30	25.28	19.59	5	-1.45	-0.61	-3.57
20.	5	1529.3	7.0	1536.6	1519.1	5	-2.9	2.60	25.03	14.53	5	-1.39	-0.64	-3.23
30.	5	1528.4	7.8	1536.2	1516.6	5	-2.9	2.85	24.76	17.60	5	-1.28	-0.70	-2.63
40.	5	1526.5	9.3	1535.1	1511.9	5	-2.7	3.25	24.11	15.97	5	-1.26	-0.85	-2.44
50.	5	1524.3	10.5	1533.2	1507.2	5	-2.1	3.54	23.14	14.32	5	-1.03	-0.76	-1.37
60.	5	1522.6	10.6	1530.9	1504.9	5	-1.6	3.45	21.95	13.51	5	-0.82	-0.20	-1.51
70.	5	1521.3	9.8	1528.8	1504.5	5	-1.6	3.12	21.01	13.25	5	-0.76	-0.32	-1.61
80.	5	1520.0	9.7	1527.0	1503.0	5	-1.8	3.01	20.21	12.69	5	-0.80	-0.26	-1.38
90.	5	1518.1	11.4	1524.8	1497.8	5	-1.1	3.38	19.11	11.04	5	-0.47	-0.10	-1.10
100.	5	1517.0	13.6	1523.9	1492.7	5	-0.6	3.93	18.53	9.45	5	-0.32	-0.08	-0.97
110.	5	1516.5	15.4	1523.9	1488.9	5	-0.1	4.39	18.24	8.23	5	-0.18	-0.09	-0.61
120.	5	1516.2	18.0	1524.7	1484.1	5	0.0	5.01	17.94	6.59	5	-0.14	-0.05	-0.40
130.	5	1515.4	18.9	1525.9	1481.7	5	-0.5	5.19	17.79	5.59	5	-0.29	-0.18	-0.53
140.	5	1512.6	17.9	1523.7	1480.9	5	-1.4	4.82	16.61	4.99	5	-0.55	-0.18	-0.91
150.	5	1507.5	15.5	1518.4	1480.9	5	-1.7	4.06	14.50	4.61	5	-0.60	-0.07	-1.03
160.	5	1512.4	12.4	1512.4	1481.7	5	-1.9	3.20	12.30	4.39	5	-0.66	-0.07	-0.93
170.	5	1496.0	8.8	1503.6	1483.9	5	-1.8	2.21	9.47	4.24	5	-0.61	-0.03	-0.86
180.	5	1491.7	5.9	1496.9	1483.9	5	-1.1	1.45	7.32	4.13	5	-0.41	-0.03	-0.57
190.	5	1492.8	3.5	1492.8	1485.1	5	-0.4	0.84	5.68	4.02	5	-0.23	-0.05	-0.44
200.	5	1491.3	2.3	1491.3	1486.3	5	0.1	0.54	5.10	3.91	5	-0.11	-0.03	-0.16
2100.	5	1489.8	1.6	1491.4	1487.7	5	0.2	0.39	4.73	3.83	5	-0.07	-0.01	-0.13
2200.	5	1490.7	1.3	1492.1	1489.2	5	0.3	0.31	4.49	3.79	5	-0.05	-0.01	-0.04
2300.	5	1491.8	1.1	1493.0	1490.6	5	0.4	0.26	4.29	3.74	5	-0.04	-0.02	-0.06
2400.	5	1495.1	0.9	1495.8	1494.1	5	0.4	0.20	3.97	3.58	5	-0.03	-0.02	-0.04
2500.	4	1498.7	0.6	1499.1	1497.8	4	0.4	0.15	3.75	3.44	4	-0.02	-0.01	-0.03
2600.	4	1505.7	0.8	1506.2	1504.6	4	0.4	0.18	3.40	3.02	4	-0.02	-0.02	-0.03
2700.	4	1512.7	0.6	1513.1	1511.8	4	0.4	0.14	3.01	2.70	4	-0.03	-0.03	-0.03
2800.	4	1527.7	0.0	1527.9	1527.5	3	0.5	0.03	2.38	2.30	3	-0.01	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 76 OF MARSDEN SQUARE 115 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1539.4	2.5	1542.5	1534.9	0	0.0	0.0	0.0	10	26.55	1.03	27.75	24.60	0	0.00	0.00	0.00
10.	9	1539.1	3.2	1542.6	1532.2	9	-1.1	0.6	-8.2	10	26.39	1.28	27.73	23.45	10	-0.54	0.03	-3.51
20.	9	1538.5	4.2	1542.7	1529.5	9	-2.2	0.6	-13.2	10	26.10	1.68	27.71	22.33	10	-1.07	-0.06	-6.05
30.	9	1537.4	5.3	1541.7	1526.8	9	-3.9	-0.3	-11.3	10	25.58	2.12	27.36	21.25	10	-1.77	-0.03	-5.15
40.	9	1534.9	6.7	1540.4	1521.4	9	-4.0	-1.4	-8.2	10	24.35	2.56	26.43	19.20	10	-2.11	-0.86	-3.29
50.	9	1531.4	8.1	1539.1	1514.0	8	-4.4	-1.6	-9.0	10	22.69	2.83	25.61	16.51	9	-2.03	-0.99	-3.29
100.	9	1528.6	8.6	1537.2	1509.0	8	-2.9	-0.3	-4.9	10	21.42	2.87	24.60	14.74	10	-1.30	-0.28	-2.09
125.	9	1526.7	8.3	1535.5	1507.7	8	-2.3	-0.1	-4.1	10	20.52	2.68	23.63	14.21	9	-1.10	-0.24	-1.72
150.	9	1525.3	7.8	1533.5	1506.7	9	-1.3	-0.1	-2.8	10	19.81	2.47	22.66	13.75	10	-0.73	-0.20	-1.35
200.	9	1523.4	7.2	1528.7	1504.9	8	-0.9	0.1	-2.6	10	18.60	2.13	20.54	13.01	9	-0.46	-0.13	-1.15
250.	9	1521.5	7.5	1525.6	1501.8	9	-1.4	0.4	-5.1	10	17.93	2.15	19.09	11.88	10	-0.60	-0.01	-1.53
300.	9	1519.3	8.7	1525.3	1498.5	9	-1.3	0.2	-4.5	10	17.02	2.48	18.69	10.75	10	-0.54	-0.09	-1.53
400.	9	1515.9	11.7	1525.1	1491.6	9	-0.9	0.4	-2.9	10	15.61	3.28	18.09	8.52	10	-0.41	-0.04	-1.06
500.	9	1512.1	14.6	1525.2	1487.5	9	-1.8	0.0	-7.6	10	14.14	4.02	17.55	7.07	10	-0.48	-0.16	-1.07
600.	8	1509.1	15.9	1523.7	1484.0	8	-1.5	-0.5	-2.7	9	12.81	4.19	16.61	5.77	9	-0.60	-0.18	-0.96
700.	8	1503.9	14.7	1517.4	1483.5	7	-1.6	-0.2	-2.2	9	10.79	3.70	14.21	5.22	8	-0.62	-0.17	-0.89
800.	6	1499.9	12.4	1510.7	1483.5	6	-1.5	-0.6	-2.3	7	9.17	2.92	11.64	4.81	7	-0.72	-0.28	-1.84
900.	5	1497.1	7.5	1502.5	1484.2	5	-1.8	0.2	-2.7	6	7.85	1.67	9.18	4.60	6	-0.61	-0.06	-0.83
1000.	4	1492.8	5.5	1496.7	1484.9	4	-1.3	-1.6	-1.9	5	6.31	1.16	7.20	4.36	5	-0.46	-0.15	-0.61
1100.	3	1490.3	4.6	1492.9	1485.0	3	-0.7	0.0	-1.2	4	5.25	0.89	5.90	3.99	4	-0.32	-0.11	-0.41
1200.	3	1489.3	3.1	1491.4	1485.8	3	-0.4	-0.5	-0.7	4	4.63	0.59	5.11	3.78	4	-0.14	-0.05	-0.27
1300.	3	1489.9	2.2	1491.7	1487.5	3	0.3	0.5	0.2	4	4.40	0.42	4.78	3.80	4	-0.05	0.01	-0.09
1400.	3	1491.0	1.5	1492.3	1489.3	3	0.5	0.5	0.2	4	4.25	0.31	4.53	3.81	4	-0.04	-0.05	-0.06
1500.	3	1492.1	1.3	1493.2	1490.6	3	0.4	0.4	0.3	4	4.12	0.27	4.33	3.72	4	-0.04	-0.03	-0.06
1750.	3	1495.3	0.9	1496.0	1494.3	2	0.4	0.4	0.3	4	3.87	0.18	4.00	3.61	4	-0.03	-0.01	-0.04
2000.	3	1498.7	1.0	1499.3	1497.6	3	0.3	0.4	0.4	4	3.68	0.19	3.78	3.40	4	-0.01	-0.01	-0.03
2500.	2	1506.3	0.1	1506.3	1506.2	2	0.4	0.4	0.4	3	3.40	0.04	3.44	3.37	3	-0.02	-0.02	-0.03
3000.	2	1513.1	0.1	1513.2	1513.0	1	0.4	0.4	0.4	3	2.97	0.06	3.03	2.92	3	-0.03	-0.02	-0.03
4000.	2	1527.8	0.2	1527.9	1527.6	2	0.5	0.5	0.5	3	2.40	0.10	2.51	2.31	3	-0.02	-0.01	-0.03

Summary for One of the Square 77 of Marsden Square 115 for Months 4-6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1533.8	5.7	1539.7	1526.7	0	0.0		0.0		0	0.00		0.00
10.	7	1533.3	6.0	1539.1	1524.2	7	-1.6	0.7	-7.6		7	-0.91	0.06	-3.04
20.	7	1532.7	6.6	1539.2	1521.5	7	-1.9	0.5	-9.2		7	-0.95	0.03	-3.22
30.	7	1531.4	7.9	1538.9	1517.8	7	-3.4	0.5	-12.2		7	-1.56	0.05	-4.75
40.	7	1524.9	19.0	1534.3	1485.3	7	-9.7	8.5	-54.4		7	-3.51	1.83	-18.09
75.	7	1523.6	17.1	1537.9	1488.2	7	-2.5	3.5	-6.1		7	-1.27	0.50	-2.25
100.	7	1523.1	12.5	1535.2	1499.9	7	-0.5	14.3	-5.0		7	-0.63	3.41	-2.17
125.	7	1521.2	12.0	1532.7	1499.9	7	-2.1	-0.7	-4.8		7	-0.93	-0.17	-1.76
150.	7	1519.2	12.0	1529.7	1498.7	6	-2.0	-0.2	-4.3		7	-0.95	-0.28	-1.72
200.	7	1515.5	13.1	1525.6	1492.6	7	-2.1	0.4	-6.9		7	-0.79	-0.32	-2.36
250.	7	1513.1	14.4	1524.4	1489.4	7	-1.0	0.4	-2.3		7	-0.45	-0.04	-0.91
300.	7	1511.4	15.4	1524.4	1488.3	7	-0.7	0.4	-2.4		7	-0.36	-0.07	-0.84
400.	7	1508.5	18.2	1524.9	1481.3	7	-1.0	-0.1	-2.1		7	-0.42	-0.19	-0.65
500.	7	1504.8	17.4	1522.6	1480.6	7	-1.3	-0.2	-2.2		7	-0.51	-0.18	-0.52
600.	5	1495.5	17.2	1512.5	1479.9	5	-1.5	-0.2	-3.0		5	-0.55	-0.18	-0.91
700.	5	1492.4	13.7	1512.9	1480.4	4	-1.3	0.2	-2.6		4	-0.48	-0.37	-0.89
800.	5	1490.0	10.6	1506.8	1481.5	5	-0.7	0.4	-1.6		5	-0.31	-0.03	-0.66
900.	5	1488.4	7.9	1501.6	1482.4	5	-0.4	0.3	-1.4		5	-0.25	-0.05	-0.52
1000.	5	1487.8	5.7	1497.5	1483.4	5	-0.1	0.3	-1.2		5	-0.15	-0.03	-0.45
1100.	5	1487.4	3.8	1494.4	1484.7	5	0.1	0.8	-0.1		5	-0.11	0.04	-0.37
1200.	5	1488.4	2.2	1492.1	1486.4	5	0.2	0.5	-0.7		5	-0.08	-0.03	-0.43
1300.	5	1489.1	1.4	1491.3	1487.6	5	0.3	0.4	-0.1		5	-0.05	-0.03	-0.11
1400.	5	1490.2	1.1	1491.7	1488.9	5	0.3	0.4	0.1		5	-0.04	-0.02	-0.09
1500.	5	1491.4	0.8	1492.4	1490.4	5	0.4	0.5	0.2		5	-0.03	-0.01	-0.07
1750.	5	1494.8	0.5	1495.6	1494.1	5	0.4	0.5	0.4		5	-0.02	-0.01	-0.01
2000.	5	1498.5	0.5	1499.2	1497.8	5	0.5	0.5	0.4		5	-0.01	-0.01	-0.02
2500.	5	1503.5	0.7	1506.3	1504.7	3	0.4	0.4	0.4		5	-0.02	-0.02	-0.04
3000.	5	1512.4	0.5	1513.0	1511.6	5	0.4	0.4	0.4		5	-0.03	-0.03	-0.03
4000.	2	1527.6	0.3	1527.8	1527.4	2	0.5	0.5	0.5		2	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 77 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1539.2	2.1	1540.7	1532.8	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	13	1539.3	2.1	1540.8	1532.8	13	0.3	0.7	-0.3	-0.3	13	-0.05	0.00	-0.05
20.	13	1539.4	2.2	1541.0	1532.7	13	0.4	0.9	-0.6	-0.6	13	-0.08	0.06	-0.46
30.	13	1539.5	2.3	1541.1	1532.6	13	0.3	0.6	-0.9	-0.9	13	-0.08	0.06	-0.46
40.	13	1539.5	2.9	1541.5	1531.1	13	-1.4	0.5	-8.5	-8.5	13	-0.72	-0.02	-3.62
50.	13	1538.3	4.5	1540.8	1524.4	13	-1.4	0.2	-8.2	-8.2	13	-0.84	-0.15	-2.75
75.	13	1536.7	5.2	1540.4	1521.1	13	-3.3	-0.6	-7.9	-7.9	13	-1.72	-0.73	-3.44
100.	13	1533.6	5.7	1538.7	1517.5	13	-3.8	-0.7	-7.6	-7.6	13	-1.84	-0.52	-3.44
125.	13	1529.5	9.1	1536.2	1505.0	13	-5.6	-1.5	-18.9	-18.9	13	-2.24	-0.72	-5.88
150.	13	1523.7	9.5	1529.0	1493.5	13	-1.3	1.9	-4.1	-4.1	13	-0.67	0.23	-1.76
200.	13	1522.1	8.1	1526.2	1496.2	13	-1.0	1.6	-2.3	-2.3	13	-0.53	0.23	-0.92
300.	13	1520.6	8.6	1525.1	1494.3	13	-0.9	-0.1	-6.3	-6.3	13	-0.44	-0.09	-2.02
400.	13	1518.0	12.0	1524.7	1487.4	11	-0.4	0.6	-3.0	-3.0	13	-0.33	-0.02	-1.04
500.	13	1514.6	14.4	1525.3	1481.8	13	-1.1	0.6	-3.0	-3.0	13	-0.40	-0.04	-0.94
600.	13	1510.0	14.5	1523.9	1481.6	13	-1.7	0.4	-4.2	-4.2	13	-0.65	-0.05	-1.23
700.	13	1503.7	13.5	1518.9	1482.2	13	-2.1	0.1	-3.6	-3.6	13	-0.69	-0.10	-1.04
800.	13	1497.9	11.6	1513.1	1482.3	13	-1.8	-0.1	-3.7	-3.7	13	-0.54	-0.11	-1.02
900.	13	1493.2	8.8	1506.7	1482.9	13	-1.4	0.8	-3.0	-3.0	13	-0.46	0.03	-0.91
1000.	13	1490.7	5.3	1499.4	1484.3	13	-0.8	0.8	-3.3	-3.3	13	-0.35	-0.03	-0.99
1100.	13	1488.8	2.5	1492.8	1485.4	13	-0.3	0.5	-1.5	-1.5	13	-0.19	-0.01	-0.44
1200.	13	1488.7	1.3	1491.0	1486.6	13	0.1	0.5	-0.2	-0.2	13	-0.06	-0.02	-0.15
1300.	13	1489.4	0.9	1491.3	1487.9	13	0.3	0.5	-0.1	-0.1	13	-0.06	-0.02	-0.13
1400.	13	1490.6	0.7	1491.8	1489.3	13	0.3	0.6	0.2	0.2	13	-0.02	0.06	-0.06
1500.	13	1491.9	0.5	1492.9	1490.9	13	0.4	0.5	0.5	0.5	13	-0.03	-0.00	-0.06
1750.	13	1495.3	0.4	1496.0	1494.5	12	0.4	0.5	0.3	0.3	13	-0.02	-0.00	-0.05
2000.	13	1499.0	0.5	1499.9	1497.8	11	0.5	0.6	0.4	0.4	13	-0.02	-0.01	-0.02
2500.	13	1506.2	0.6	1506.9	1504.6	11	0.4	0.4	0.4	0.4	13	-0.02	-0.02	-0.05
3000.	13	1513.1	0.5	1513.8	1512.3	10	0.4	0.6	0.3	0.3	13	-0.02	0.01	-0.05
4000.	12	1527.7	0.1	1528.1	1527.4	10	0.5	0.5	0.5	0.5	12	-0.01	-0.00	-0.02

SUMMARY FOR ONE DEGREE SQUARE 78 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	13	1531.7	5.1	1538.8	1522.6	0	0.0	0.0	0.0	14	23.12	2.02	26.14	19.52	0	0.00	0.00	0.00		
10.	13	1531.6	5.2	1539.0	1522.8	13	-0.5	0.7	-5.1	14	22.98	2.02	26.14	19.50	14	-0.47	-0.03	-2.41		
20.	13	1531.4	5.2	1539.1	1522.9	13	-0.5	0.6	-4.9	14	22.83	2.03	26.14	19.49	14	-0.47	0.03	-2.18		
30.	13	1531.2	5.3	1539.2	1522.2	13	-0.8	0.6	-4.9	14	22.65	2.05	26.13	19.20	14	-0.60	-0.03	-2.35		
50.	13	1530.6	5.4	1539.4	1521.2	13	-1.3	0.5	-9.1	14	22.24	2.09	26.06	18.72	14	-0.74	-0.02	-3.55		
75.	13	1529.1	5.3	1537.7	1520.9	13	-1.7	0.6	-5.1	14	21.44	1.98	25.06	18.46	14	-0.91	-0.02	-2.55		
100.	13	1527.8	4.7	1536.2	1521.0	13	-1.4	0.2	-4.0	14	20.74	1.75	24.17	18.36	14	-0.82	-0.09	-1.79		
125.	13	1526.4	4.3	1536.2	1521.3	13	-1.6	0.4	-3.4	14	20.10	1.58	23.96	18.30	14	-0.76	-0.07	-1.45		
150.	13	1525.2	4.1	1536.1	1520.9	13	-1.4	0.2	-3.8	14	19.55	1.48	23.75	18.05	14	-0.67	-0.09	-1.45		
200.	13	1522.9	3.9	1530.4	1512.9	13	-1.6	0.5	-9.0	14	18.47	1.22	21.15	15.41	14	-0.69	-0.02	-2.91		
250.	13	1521.6	3.8	1525.2	1502.0	13	-0.5	0.5	-6.3	14	17.85	1.65	18.97	12.22	14	-0.30	-0.01	-1.94		
300.	13	1521.6	6.0	1524.3	1501.8	13	0.1	0.8	-1.4	14	17.57	1.71	18.36	11.72	14	-0.19	-0.01	-0.59		
400.	13	1521.2	7.9	1524.9	1496.9	13	0.1	3.0	-2.5	14	16.97	2.22	18.01	9.88	14	-0.20	0.00	-2.12		
500.	13	1519.2	11.7	1524.5	1486.7	13	-0.6	3.6	-3.0	13	15.82	3.30	17.99	6.85	13	-0.34	-0.00	-1.01		
600.	13	1515.3	13.6	1527.1	1482.2	12	-1.5	0.2	-4.3	13	14.24	3.77	17.67	5.35	12	-0.58	-0.09	-1.31		
700.	13	1510.6	13.7	1524.2	1481.7	11	-1.5	-0.1	-4.6	13	12.39	3.69	16.24	4.80	11	-0.57	-0.15	-1.45		
800.	13	1505.3	12.7	1519.8	1482.5	11	-1.7	-0.6	-2.7	13	10.46	3.35	14.39	4.60	12	-0.57	-0.03	-0.89		
900.	13	1499.6	10.3	1514.0	1483.7	13	-1.5	0.4	-2.6	13	8.49	2.65	12.29	4.48	13	-0.54	-0.04	-0.67		
1000.	13	1495.3	7.6	1506.5	1484.6	12	-1.5	0.0	-2.4	13	6.96	1.90	9.50	4.30	13	-0.47	-0.05	-0.77		
1100.	11	1493.4	4.6	1500.9	1485.9	9	-1.0	0.1	-2.1	11	6.03	1.13	7.91	4.20	10	-0.35	-0.04	-0.60		
1200.	11	1491.7	2.9	1497.1	1487.1	11	-0.4	0.4	-1.2	11	5.19	0.70	6.54	4.09	11	-0.22	-0.03	-0.42		
1300.	11	1491.3	1.9	1495.3	1488.3	10	-0.1	0.4	-0.5	11	4.70	0.46	5.67	3.99	11	-0.13	-0.03	-0.24		
1400.	9	1492.1	1.4	1495.0	1489.7	9	0.3	0.6	-0.1	9	4.49	0.35	5.19	3.90	9	-0.07	-0.03	-0.15		
1500.	7	1492.9	1.2	1495.0	1491.0	7	0.3	0.4	0.2	7	4.29	0.29	4.78	3.82	7	-0.06	-0.02	-0.12		
1750.	7	1495.6	0.7	1496.6	1494.4	7	0.3	0.4	0.3	7	3.92	0.17	4.16	3.64	7	-0.04	-0.02	-0.06		
2000.	7	1498.8	0.6	1499.7	1498.0	7	0.4	0.5	0.4	7	3.68	0.14	3.88	3.48	7	-0.03	-0.02	-0.04		
2500.	4	1506.1	0.9	1506.9	1504.9	4	0.4	0.4	0.4	4	3.58	0.20	3.58	3.10	4	-0.02	-0.01	-0.02		
3000.	4	1513.0	1.1	1513.9	1511.4	4	0.4	0.4	0.3	4	2.98	0.26	3.19	2.60	4	-0.03	-0.02	-0.03		
4000.	3	1528.0	0.2	1528.1	1527.8	2	0.5	0.5	0.5	3	2.40	0.05	2.44	2.35	3	-0.01	-0.01	-0.02		

SUMMARY FOR ONE DEGREE SQUARE 78 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY			VFLOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1539.2	4.6	1543.3	1528.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	10	1539.1	4.7	1543.6	1527.6	10	-0.6	2.0	-5.4	-5.4	10	-0.05	0.04	-2.85
20.	10	1538.7	5.3	1543.8	1525.5	9	-1.4	1.5	-6.4	-6.4	10	-2.68	0.36	-17.95
30.	10	1537.6	6.8	1543.9	1520.6	10	-5.8	0.3	-18.3	-18.3	10	-2.51	-0.09	-7.10
50.	11	1534.1	9.7	1542.4	1509.7	11	-6.6	0.3	-15.1	-15.1	11	-2.91	-0.09	-5.99
75.	11	1528.9	12.8	1541.7	1498.1	8	-6.4	0.4	-2.9	-16.3	8	-2.69	-1.00	-4.88
100.	11	1525.6	12.2	1535.6	1501.4	10	-3.4	0.4	6.4	-11.2	10	-1.56	0.45	-3.03
125.	11	1523.0	10.4	1533.7	1503.1	11	-4.0	1.5	1.5	-21.3	11	-1.66	0.15	-7.14
150.	11	1520.6	10.4	1532.2	1502.7	11	-2.5	1.2	1.2	-15.2	11	-1.04	0.16	-4.74
200.	10	1518.3	11.6	1531.8	1500.2	10	-1.1	0.6	0.6	-3.5	10	-0.45	-0.16	-1.14
250.	10	1516.5	13.1	1529.1	1494.8	10	-1.1	0.4	0.4	-3.2	10	-0.48	-0.02	-1.37
300.	10	1514.7	14.2	1524.0	1490.0	10	-1.0	0.3	0.3	-4.1	10	-0.45	-0.04	-1.33
400.	10	1511.4	15.9	1524.5	1483.5	10	-1.0	0.4	0.4	-4.1	10	-0.45	-0.04	-1.33
500.	10	1507.7	16.9	1524.5	1480.7	9	-1.1	-0.0	-0.0	-3.5	9	-0.46	-0.07	-1.02
600.	10	1502.9	16.1	1522.3	1480.2	10	-1.6	-0.2	-0.2	-3.2	10	-0.57	-0.12	-1.01
700.	9	1498.3	15.2	1518.7	1480.4	9	-1.3	0.1	0.1	-3.0	9	-0.48	-0.10	-0.99
800.	9	1494.3	14.0	1512.7	1481.2	9	-1.3	0.4	0.4	-3.4	9	-0.47	-0.10	-1.04
900.	8	1492.3	9.0	1507.5	1482.0	8	-0.9	0.4	0.4	-2.5	8	-0.35	-0.02	-0.85
1000.	7	1491.2	6.6	1503.9	1483.8	7	-0.7	0.4	0.4	-1.4	7	-0.23	-0.02	-0.61
1100.	7	1489.9	4.5	1499.2	1484.7	7	-0.4	0.4	0.4	-1.9	7	-0.14	-0.02	-0.43
1200.	7	1489.3	2.7	1494.6	1485.7	7	-0.1	0.4	0.4	-1.4	7	-0.14	-0.02	-0.43
1300.	6	1490.0	2.0	1493.1	1487.2	6	0.2	0.5	0.5	0.2	6	-0.07	-0.01	-0.13
1400.	6	1490.9	1.6	1493.3	1488.6	6	0.3	0.4	0.4	0.1	6	-0.02	-0.02	-0.11
1500.	6	1492.0	1.4	1493.9	1490.1	6	0.3	0.5	0.5	0.2	6	-0.04	-0.02	-0.05
1750.	6	1495.0	1.1	1496.6	1493.6	6	0.4	0.4	0.4	0.2	6	-0.04	-0.02	-0.07
2000.	5	1458.5	1.1	1500.1	1497.1	5	0.4	0.5	0.5	0.3	5	-0.02	-0.01	-0.04
2500.	2	1507.0	2.1	1508.4	1505.5	2	0.5	0.5	0.5	0.4	2	-0.02	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 78 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	19	1536.4	2.8	1539.0	1529.7	0	0.0	0.0	0.0	19	25.12	1.22	26.24	22.20	0	0.00	0.00
10.	19	1536.6	2.8	1539.2	1529.6	19	0.4	1.0	-1.0	19	25.10	1.23	26.24	22.10	19	-0.05	0.14
20.	19	1536.7	2.8	1539.3	1529.6	19	0.3	0.6	-1.0	19	25.08	1.24	26.24	22.02	19	-0.10	0.12
30.	19	1536.7	2.8	1539.5	1529.6	19	-0.1	0.9	-5.3	19	25.02	1.24	26.24	21.96	19	-0.26	0.12
50.	19	1536.6	2.9	1539.7	1529.8	19	-1.3	0.6	-6.1	19	24.78	1.27	26.18	21.93	19	-0.79	0.12
75.	19	1535.0	4.0	1539.9	1527.6	19	-2.2	0.4	-7.2	19	23.91	1.68	26.02	21.93	19	-1.19	-0.12
100.	19	1532.8	4.4	1539.2	1525.1	18	-2.8	0.6	-4.9	19	22.85	1.77	25.51	19.48	19	-1.44	-0.43
125.	19	1530.7	3.9	1536.7	1524.6	19	-2.7	0.5	-4.9	19	21.80	1.50	24.22	19.48	19	-1.27	0.11
150.	19	1528.8	3.4	1534.4	1524.1	19	-2.5	-0.5	-3.9	19	20.91	1.25	23.05	19.18	19	-1.14	-0.37
200.	19	1526.0	2.1	1530.2	1523.5	19	-1.2	0.4	-2.9	19	19.56	0.76	21.05	18.68	19	-0.62	-0.13
250.	19	1524.7	1.1	1526.8	1522.9	19	-0.7	0.1	-2.3	19	18.79	0.38	19.52	18.17	19	-0.43	-0.13
300.	19	1524.0	0.7	1525.6	1522.6	18	-0.2	0.4	-1.3	19	18.29	0.25	18.83	17.82	19	-0.21	-0.07
400.	19	1523.2	1.8	1524.8	1518.2	19	-0.3	0.2	-1.7	19	17.48	0.56	18.03	15.93	19	-0.27	-0.12
500.	19	1520.4	4.9	1525.3	1509.6	19	-1.2	0.3	-4.9	19	16.11	1.47	17.59	12.92	19	-0.54	-0.06
600.	19	1515.9	7.7	1524.9	1499.1	18	-1.5	-0.1	-3.5	19	14.29	2.17	16.76	9.63	19	-0.57	-0.19
700.	19	1509.9	8.9	1522.5	1492.7	19	-2.4	-0.4	-11.0	19	12.15	2.44	15.70	7.53	19	-0.79	-0.24
800.	18	1501.9	8.9	1514.3	1486.3	18	-2.0	1.4	-3.7	19	9.75	2.48	13.92	5.51	19	-0.60	0.22
900.	16	1496.3	7.0	1507.7	1485.4	18	-1.7	-0.2	-3.0	19	7.85	2.01	12.00	4.88	19	-0.58	-0.12
1000.	18	1491.9	4.9	1499.6	1485.6	17	-1.1	0.5	-2.5	19	6.23	1.42	9.00	4.54	18	-0.45	-0.03
1100.	17	1489.4	2.5	1493.1	1486.6	16	-0.2	0.6	-1.7	18	5.20	0.85	7.03	4.36	18	-0.21	-0.02
1200.	17	1489.4	1.4	1491.7	1487.4	17	0.1	0.4	-0.7	18	4.72	0.47	6.07	4.18	18	-0.13	-0.03
1300.	17	1490.0	1.0	1491.4	1488.5	17	0.2	0.5	0.1	18	4.43	0.30	5.18	4.04	18	-0.07	-0.02
1400.	17	1490.0	0.8	1492.0	1489.8	17	0.3	0.5	0.2	18	4.25	0.24	4.88	3.94	18	-0.05	-0.01
1500.	16	1492.1	0.6	1493.0	1491.1	15	0.4	0.6	0.3	18	4.11	0.19	4.58	3.84	17	-0.04	-0.02
1750.	15	1495.3	0.5	1496.0	1494.2	13	0.4	0.8	0.3	16	3.86	0.13	4.03	3.60	16	-0.03	-0.02
2000.	15	1498.7	0.4	1499.5	1497.9	15	0.4	0.5	0.4	15	3.66	0.10	3.92	3.46	15	-0.02	-0.02
2500.	10	1505.9	0.3	1506.3	1505.1	9	0.4	0.6	0.4	10	3.34	0.08	3.43	3.15	10	-0.02	-0.01
3000.	6	1512.9	0.3	1513.1	1512.4	5	0.4	0.4	0.4	6	2.96	0.07	3.01	2.93	5	-0.03	-0.02
4000.	1	1527.4	0.0	1527.4	1527.4	1	0.5	0.5	0.5	1	2.27	0.00	2.27	2.27	1	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	WJ	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1533.4	5.5	1537.5	1522.5	0	0.0	0.0	0.0	9	24.03	1.99	25.01	19.54	0	0.00	0.00	0.00
10.	7	1533.5	5.4	1537.4	1522.8	7	0.4	0.7	-0.3	9	23.98	1.95	25.46	19.56	9	-0.11	0.07	-0.01
20.	7	1532.9	5.5	1537.4	1522.9	7	-7.6	0.6	-51.8	9	23.72	1.96	25.41	19.56	9	-2.32	0.09	-19.21
30.	7	1530.6	8.7	1537.6	1514.7	7	-7.6	0.6	-46.0	9	22.99	2.78	25.41	17.47	9	-2.40	0.06	-15.54
50.	7	1528.5	10.1	1537.9	1508.9	7	-2.2	0.5	-6.9	9	22.10	3.16	25.40	15.30	9	-1.27	-0.02	-3.23
75.	7	1526.0	10.6	1536.4	1504.7	7	-3.5	-0.1	-6.4	9	20.63	3.18	24.78	12.73	9	-1.70	-0.26	-3.38
100.	7	1524.1	11.5	1536.5	1500.4	7	-2.2	-0.3	-5.2	9	19.58	3.29	24.36	12.32	9	-1.01	-0.29	-1.99
125.	7	1523.0	10.5	1535.1	1501.4	7	-1.4	1.2	-6.0	9	19.19	2.96	23.50	12.43	9	-0.86	0.13	-1.76
150.	7	1521.9	9.5	1532.5	1502.0	7	-1.4	0.6	-3.9	9	18.46	2.70	22.29	12.41	9	-0.92	-0.08	-2.16
200.	7	1520.3	7.9	1525.3	1502.8	7	-0.8	0.5	-4.4	9	17.23	2.62	19.35	12.28	9	-0.67	-0.08	-2.29
250.	7	1517.8	9.3	1523.5	1497.5	7	-1.5	0.3	-5.4	9	16.26	2.82	18.38	10.71	9	-0.64	-0.26	-1.92
300.	7	1516.4	10.4	1524.2	1495.3	6	-0.7	0.5	-2.4	9	15.46	3.16	18.33	9.92	8	-0.47	-0.07	-0.90
400.	7	1513.0	12.7	1524.8	1492.3	7	-1.1	0.2	-4.2	8	13.78	3.97	18.02	5.70	8	-0.47	-0.09	-1.34
500.	7	1509.2	15.6	1524.3	1485.6	7	-1.2	-0.1	-2.6	8	12.25	4.53	17.29	6.55	8	-0.41	-0.28	-0.84
600.	7	1505.5	16.1	1522.5	1481.9	7	-1.0	-0.5	-1.7	8	10.77	4.53	16.22	5.24	8	-0.41	-0.25	-0.63
700.	7	1500.8	15.0	1518.7	1481.0	7	-1.7	-0.3	-2.9	8	9.13	4.05	14.60	4.62	8	-0.55	-0.19	-0.94
800.	5	1498.1	14.0	1512.0	1481.2	5	-1.6	0.1	-2.9	6	7.92	3.60	12.22	4.28	6	-0.49	-0.02	-0.91
900.	4	1498.3	5.1	1504.7	1485.2	4	-1.3	-0.3	-1.8	5	7.39	2.62	9.79	4.35	5	-0.37	-0.02	-0.62
1000.	3	1497.9	2.4	1499.4	1495.1	3	-1.4	-1.2	-1.6	4	6.75	1.72	7.98	4.29	4	-0.38	-0.02	-0.55
1100.	3	1494.1	1.9	1495.4	1491.9	3	-1.1	-1.0	-1.3	4	5.69	1.07	6.54	4.19	4	-0.32	-0.04	-0.45
1200.	3	1491.6	1.5	1492.8	1489.9	3	-0.4	-0.6	-0.7	4	4.91	0.63	5.46	4.08	4	-0.16	-0.03	-0.30
1300.	2	1491.4	1.4	1492.4	1490.4	2	0.1	0.2	0.1	3	4.47	0.49	4.95	3.97	3	-0.04	-0.03	-0.11
1400.	2	1491.8	1.3	1492.7	1490.8	2	0.1	0.1	0.1	3	4.22	0.38	4.62	3.86	3	-0.08	-0.03	-0.10
1500.	1	1493.1	0.0	1493.1	1493.1	1	0.1	0.1	0.1	2	4.05	0.40	4.33	3.76	2	-0.06	-0.03	-0.09
1700.	1	1495.5	0.0	1495.5	1495.5	1	0.4	0.4	0.4	2	3.73	0.23	3.89	3.56	2	-0.02	-0.03	-0.03
2000.	1	1498.8	0.0	1498.8	1498.8	1	0.4	0.4	0.4	2	3.55	0.18	3.67	3.42	2	-0.02	-0.02	-0.03
2500.	1	1506.2	0.0	1506.2	1506.2	1	0.5	0.5	0.5	1	3.41	0.00	3.41	3.41	1	-0.01	-0.01	-0.01
3000.	1	1513.3	0.0	1513.3	1513.3	1	0.4	0.4	0.4	1	3.05	0.00	3.05	3.05	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	11	1538.6	4.0	1544.1	1533.3	0	0.0	0.0	0.0	11	26.56	1.33	28.63	24.65	0	0.00	0.00	0.00
10.	11	1538.9	3.6	1543.8	1533.0	11	0.8	14.2	-5.1	11	26.50	1.22	28.32	24.45	11	-0.29	4.23	-3.05
20.	11	1538.6	4.0	1543.8	1529.6	10	-2.8	1.8	-12.2	11	26.21	1.45	28.25	22.81	10	-1.47	-0.06	-5.03
30.	12	1537.6	5.8	1543.7	1522.1	12	-6.0	1.2	-30.5	12	25.68	2.19	28.14	19.80	12	-2.72	0.03	-11.77
50.	12	1529.7	12.0	1543.3	1505.6	12	-10.8	-0.3	-39.6	12	22.45	4.35	27.82	14.12	12	-4.37	-0.38	-15.44
75.	12	1522.6	12.9	1539.7	1502.5	12	-6.1	-3.0	-14.1	12	19.59	4.40	26.00	13.02	12	-2.69	-0.30	-6.59
100.	12	1517.1	12.1	1531.3	1499.7	12	-7.2	-3.0	-19.3	12	17.44	3.92	22.28	12.05	12	-2.70	-0.61	-6.15
125.	12	1513.3	11.4	1528.3	1497.5	12	-3.4	5.3	-12.4	12	16.13	3.52	20.84	11.32	12	-1.35	1.26	-4.75
150.	12	1511.2	10.9	1526.5	1495.4	12	-2.3	4.3	-7.1	12	15.22	3.32	20.04	10.62	12	-0.84	0.98	-2.34
200.	11	1509.1	12.0	1524.1	1491.2	11	-1.3	1.0	-3.0	11	14.33	3.51	18.88	9.27	11	-0.57	-0.07	-0.95
250.	10	1506.9	13.8	1523.7	1487.0	10	-1.6	-0.1	-2.8	10	13.48	3.95	18.46	7.96	10	-0.61	-0.19	-0.93
300.	10	1504.1	14.8	1523.6	1483.6	10	-1.6	-0.2	-3.2	10	12.44	4.14	18.14	6.90	10	-0.61	-0.20	-1.03
400.	10	1498.8	16.3	1523.3	1479.5	10	-1.2	-0.7	-2.2	10	10.59	4.44	17.53	5.46	10	-0.45	-0.16	-0.74
500.	9	1495.0	15.6	1519.4	1478.1	8	-1.4	-0.1	-3.7	9	9.11	4.14	15.80	4.73	9	-0.50	-0.15	-1.20
600.	8	1471.9	12.2	1514.5	1478.8	8	-1.6	0.3	-7.1	8	7.81	3.17	13.86	4.49	8	-0.55	-0.04	-1.27
700.	8	1488.4	9.4	1507.9	1479.8	8	-1.0	0.3	-2.1	8	6.47	2.39	11.52	4.33	8	-0.38	-0.05	-0.71
800.	8	1485.7	6.3	1499.2	1480.8	8	-0.8	0.4	-2.7	8	5.38	1.58	8.78	4.18	8	-0.32	-0.05	-0.84
900.	5	1483.1	1.3	1485.2	1481.8	5	-0.0	0.3	-0.7	5	4.33	0.32	4.84	4.03	5	-0.11	-0.05	-0.29
1000.	5	1483.2	0.9	1485.2	1482.9	5	0.3	0.3	0.3	5	4.12	0.21	4.44	3.90	5	-0.06	-0.04	-0.12
1100.	3	1484.4	0.3	1484.7	1484.1	3	0.3	0.4	0.3	3	3.86	0.06	3.91	3.79	3	-0.04	-0.03	-0.04
1200.	3	1485.6	0.2	1485.8	1485.4	3	0.4	0.6	0.3	3	3.75	0.05	3.79	3.70	3	-0.02	-0.02	-0.04
1300.	3	1487.0	0.1	1487.1	1486.9	3	0.4	0.5	0.4	3	3.67	0.02	3.69	3.65	3	-0.02	-0.02	-0.03
1400.	3	1488.3	0.1	1488.4	1488.3	3	0.4	0.4	0.4	3	3.60	0.01	3.61	3.59	3	-0.02	-0.02	-0.03
1500.	3	1489.8	0.1	1489.8	1489.7	3	0.4	0.5	0.4	3	3.54	0.01	3.54	3.53	3	-0.02	-0.02	-0.02
1750.	2	1493.5	0.0	1493.5	1493.5	2	0.5	0.5	0.4	2	3.22	0.01	3.43	3.41	2	-0.01	-0.01	-0.02
2000.	1	1497.2	0.0	1497.2	1497.2	1	0.4	0.4	0.4	1	3.29	0.00	3.29	3.29	1	-0.02	-0.02	-0.02

SUMMARY FO: ONE DEGREE SQUARE 79 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	11	1534.9	4.2	1540.5	1525.1	0	0.0	0.0	0.0	0.0	14	24.45	1.64	26.98	23.40
10.	11	1535.0	4.2	1540.5	1525.6	11	0.2	1.5	-2.0	-1.0	14	24.42	1.61	26.88	20.55
20.	11	1535.1	4.1	1540.4	1526.1	11	0.2	1.5	-1.8	-1.0	14	24.38	1.60	26.77	20.67
30.	11	1535.0	3.9	1539.4	1526.4	11	-0.7	1.0	-6.1	-3.0	14	24.27	1.51	26.16	20.75
50.	11	1534.6	3.8	1539.0	1526.7	11	-0.2	1.0	-3.0	-11.8	14	24.02	1.45	25.82	20.72
75.	11	1533.4	3.9	1539.4	1526.6	11	-2.4	0.5	-11.8	-4.3	14	23.39	1.50	25.83	20.54
100.	11	1531.5	4.3	1537.9	1526.6	11	-2.4	-0.6	-4.3	-6.1	14	22.56	1.53	24.93	20.37
125.	11	1529.4	4.4	1535.6	1524.2	11	-2.8	-1.2	-6.1	-4.8	14	21.34	1.49	23.68	19.32
150.	11	1527.4	4.3	1533.5	1520.6	11	-2.5	-1.0	-4.8	-6.1	14	20.38	1.40	22.64	11.01
200.	11	1524.9	3.4	1529.8	1517.6	11	-0.9	0.2	-3.0	-2.0	14	19.14	1.05	20.92	16.76
250.	11	1523.7	2.9	1527.1	1515.9	10	-0.7	0.1	-2.0	-2.0	14	18.41	0.85	19.64	15.97
300.	11	1522.6	3.4	1525.3	1512.7	10	-0.3	0.2	-2.1	-6.1	14	17.85	0.95	18.71	14.75
400.	11	1521.1	5.7	1524.4	1505.1	11	-0.6	0.5	-6.1	-3.6	14	16.90	1.53	17.86	12.10
500.	11	1517.8	10.4	1524.5	1492.7	11	-1.1	0.2	-3.6	-3.0	14	15.54	2.63	17.35	8.38
600.	11	1515.3	12.0	1521.8	1486.2	10	-1.8	-0.7	-3.0	-2.3	14	13.81	2.97	16.04	6.31
700.	9	1509.3	5.3	1516.7	1489.0	9	-2.0	-1.2	-3.1	-2.3	12	12.10	2.33	14.62	6.61
800.	9	1503.6	8.5	1512.3	1486.2	9	-1.8	-0.4	-2.3	-2.8	13	10.23	2.12	12.64	5.50
900.	9	1497.6	6.8	1506.3	1485.3	9	-1.9	-0.3	-2.8	-2.0	13	8.19	1.68	10.33	4.86
1000.	9	1493.2	4.9	1500.4	1485.1	9	-1.2	-0.0	-2.0	-1.2	13	6.59	1.23	8.32	4.43
1100.	9	1490.8	3.4	1496.1	1485.9	9	-0.5	0.2	-1.2	-0.7	13	5.55	0.86	6.42	4.22
1200.	4	1490.5	2.2	1494.5	1487.9	6	-0.4	0.2	-0.7	-0.7	11	4.96	0.54	5.86	4.29
1300.	8	1490.5	1.4	1493.3	1488.9	8	0.1	0.4	-0.4	-0.4	11	4.54	0.35	5.16	4.12
1400.	8	1491.1	0.8	1492.6	1489.9	8	0.2	0.5	-0.2	-0.2	11	4.29	0.24	4.78	3.97
1500.	8	1492.1	0.6	1493.0	1491.1	8	0.4	0.5	0.3	0.3	11	4.12	0.18	4.49	3.84
1750.	7	1495.2	0.6	1496.0	1494.2	6	0.4	0.4	0.3	0.3	8	3.81	0.14	4.02	3.59
2000.	5	1498.8	0.4	1499.2	1498.1	5	0.4	0.5	0.4	0.4	5	3.67	0.10	3.78	3.52
2500.	5	1505.8	0.5	1506.3	1505.0	3	0.4	0.4	0.4	0.4	5	3.30	0.11	3.42	3.12
3000.	2	1513.0	0.2	1513.1	1512.8	2	0.4	0.4	0.4	0.4	2	2.98	0.05	3.01	2.94

SUMMARY FOR ONE DEGREE SQUARE 80 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1519.1	2.7	1522.7	1516.0	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1518.7	2.5	1521.7	1515.6	6	-0.8	3.0	3.0	-6.4	6	-0.57	0.61	-2.47
20.	6	1518.4	2.9	1522.0	1513.7	6	-1.2	1.2	1.2	-5.8	6	-0.69	0.18	-2.23
30.	6	1518.0	3.5	1522.6	1512.0	6	-0.5	4.6	4.6	-5.2	6	-0.43	0.91	-1.98
40.	6	1517.3	4.7	1523.5	1509.1	6	-1.9	-1.7	-3.7	-3.7	6	-0.81	-0.12	-1.40
50.	6	1516.0	5.6	1523.2	1506.7	6	-1.4	0.6	-3.4	-3.4	6	-0.64	-0.12	-1.30
60.	6	1514.4	5.7	1519.8	1505.6	6	-2.0	0.6	-6.3	-6.3	6	-0.79	-0.3	-2.17
75.	6	1512.9	5.9	1519.4	1505.8	6	-1.8	0.5	-5.4	-5.4	6	-0.69	-0.02	-1.82
100.	6	1511.9	6.6	1519.7	1505.3	6	-1.3	0.5	-2.8	-2.8	6	-0.55	-0.01	-1.07
125.	6	1510.0	8.0	1520.5	1504.1	6	-1.1	0.5	-5.4	-5.4	6	-0.45	-0.02	-1.09
150.	6	1509.9	8.7	1521.2	1503.4	6	-0.7	0.4	-1.3	-1.3	6	-0.22	-0.02	-0.57
200.	6	1509.2	9.8	1521.8	1501.1	6	-0.4	0.4	-1.5	-1.5	6	-0.26	-0.03	-0.59
300.	6	1507.0	12.4	1522.6	1494.6	5	0.4	6.1	-2.2	-2.2	6	-0.22	0.30	-0.72
400.	6	1502.5	14.1	1519.5	1488.2	6	-2.8	-0.1	-9.9	-9.9	6	-0.91	-0.18	-2.74
500.	6	1497.1	12.5	1512.4	1484.3	6	-1.6	-0.4	-2.5	-2.5	6	-0.56	-0.30	-0.89
600.	6	1492.4	5.6	1504.9	1482.7	6	-1.3	-0.5	-2.8	-2.8	6	-0.47	-0.18	-0.90
700.	6	1489.5	6.3	1498.3	1483.7	6	-0.8	0.3	-2.1	-2.1	6	-0.35	-0.06	-0.67
800.	6	1487.7	4.2	1494.1	1483.6	6	-0.2	0.2	-0.9	-0.9	6	-0.18	-0.01	-0.37
900.	6	1487.4	2.9	1491.4	1484.2	6	0.1	0.5	-0.8	-0.8	6	-0.14	-0.01	-0.31
1000.	6	1487.7	1.7	1489.7	1485.6	6	0.1	0.5	-0.5	-0.5	6	-0.09	-0.01	-0.26
1100.	6	1488.4	1.0	1489.5	1486.9	6	0.2	0.5	-0.2	-0.2	6	-0.07	-0.01	-0.16
1200.	6	1489.4	0.8	1490.2	1488.1	6	0.4	0.6	0.2	0.2	6	-0.05	-0.01	-0.08
1300.	6	1490.6	0.8	1491.5	1489.4	6	0.4	0.5	0.3	0.3	6	-0.03	-0.01	-0.05
1400.	6	1491.9	0.8	1493.0	1490.8	6	0.4	0.5	0.3	0.3	6	-0.03	-0.01	-0.04
1500.	6	1493.3	0.7	1494.6	1494.6	6	0.4	0.5	0.4	0.4	6	-0.02	-0.01	-0.01
1750.	6	1498.9	0.7	1500.1	1498.1	6	0.4	0.5	0.4	0.4	6	-0.02	-0.01	-0.01
2000.	6	1503.7	0.6	1506.9	1504.5	6	0.4	0.5	0.4	0.4	6	-0.03	-0.01	-0.04
2500.	6	1512.6	0.6	1513.1	1511.5	6	0.4	0.5	0.4	0.4	6	-0.03	-0.02	-0.04
3000.	6	1527.8	0.2	1528.2	1527.7	5	0.5	0.5	0.5	0.5	6	-0.01	-0.00	-0.01
4000.	6	1545.3	0.0	1545.4	1545.3	4	0.6	0.6	0.6	0.6	4	-0.00	0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 81 OF MARSDEN SQUARE 115 FOR MONTHS 4-6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1530.6	2.6	1533.2	1526.8	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	5	1530.5	2.9	1533.0	1526.0	5	-0.5	0.7	-2.7	0.0	5	-0.42	0.12	-1.25
20.	5	1530.2	3.1	1532.5	1525.2	5	-0.9	0.3	-2.4	0.3	5	-0.49	-0.21	-1.13
30.	5	1530.0	3.2	1532.2	1524.5	5	0.3	6.1	-2.1	0.3	5	-0.16	1.83	-1.04
40.	5	1529.1	3.4	1531.7	1523.4	5	-1.3	1.5	-4.9	0.3	5	-0.84	-0.15	-2.13
50.	5	1524.0	7.4	1530.3	1511.7	5	-18.7	0.7	-43.3	0.3	5	-6.14	-0.46	-25.91
60.	5	1522.6	6.2	1528.1	1512.4	5	-2.5	-0.6	-4.3	0.3	5	-1.06	-0.38	-1.83
70.	5	1521.1	5.9	1525.1	1510.9	5	-2.1	-0.4	-3.7	0.3	5	-0.80	-0.29	-1.49
80.	5	1519.2	4.2	1524.0	1506.6	4	-0.6	-0.9	-1.3	0.3	5	-1.31	-0.18	-5.02
90.	5	1518.5	8.9	1523.0	1502.6	5	-0.2	0.6	-1.4	0.3	5	-0.24	-0.02	-0.59
100.	5	1518.6	9.5	1523.3	1501.6	5	0.2	0.3	0.2	0.3	5	-0.11	-0.07	-0.15
110.	5	1518.9	9.6	1523.7	1501.7	5	0.1	0.3	0.1	0.3	5	-0.06	-0.08	-0.11
120.	5	1518.1	12.5	1524.9	1496.0	5	-0.6	0.4	-3.0	0.3	5	-0.29	-0.03	-0.93
130.	5	1516.0	15.1	1525.5	1489.9	5	-0.9	0.6	-2.0	0.3	5	-0.41	-0.06	-0.75
140.	5	1513.0	15.6	1524.4	1487.3	5	-1.0	-0.6	-2.0	0.3	5	-0.43	-0.30	-0.72
150.	5	1508.5	14.6	1521.4	1486.8	5	-2.0	-1.7	-2.7	0.3	5	-0.71	-0.58	-0.89
160.	5	1502.7	13.1	1515.5	1484.7	5	-1.4	0.1	-2.7	0.3	5	-0.52	-0.11	-0.91
170.	5	1498.1	10.1	1509.0	1485.1	5	-1.7	0.1	-3.0	0.3	5	-0.58	-0.09	-0.91
180.	5	1493.4	6.2	1501.0	1485.7	5	-1.2	0.2	-2.3	0.3	5	-0.42	-0.08	-0.71
190.	5	1490.8	3.8	1496.1	1486.5	5	-0.5	0.2	-1.5	0.3	5	-0.26	-0.06	-0.51
200.	5	1490.2	2.2	1493.1	1487.5	5	0.0	0.3	-0.6	0.3	5	-0.12	-0.05	-0.24
210.	5	1490.7	1.5	1492.3	1488.7	5	0.2	0.5	-0.2	0.3	5	-0.08	-0.05	-0.19
220.	4	1491.3	1.2	1492.6	1490.0	4	0.3	0.4	0.2	0.3	4	-0.04	-0.02	-0.08
230.	4	1492.5	1.2	1494.0	1491.4	4	0.4	0.5	0.2	0.3	4	-0.03	-0.01	-0.06
240.	4	1495.4	0.6	1496.2	1494.9	4	0.3	0.4	0.4	0.3	4	-0.04	-0.02	-0.08
250.	4	1498.7	0.4	1499.0	1498.3	4	0.4	0.4	0.4	0.3	4	-0.02	-0.02	-0.03
260.	4	1505.9	0.4	1506.4	1505.5	4	0.4	0.4	0.4	0.3	4	-0.02	-0.02	-0.02
270.	4	1512.5	0.5	1513.2	1512.1	4	0.4	0.4	0.3	0.3	4	-0.03	-0.03	-0.04
280.	4	1527.7	0.2	1528.0	1527.5	3	0.5	0.5	0.5	0.5	4	-0.01	-0.00	-0.01
3000.	1	1545.3	0.0	1545.3	1545.3	1	0.5	0.5	0.5	0.5	1	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 82 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1525.9	5.0	1531.4	1519.7	0.0	5	20.80	1.91	22.90	18.47	0	0.00	0.00	0.00
10.	5	1525.7	4.8	1531.3	1519.8	0.6	5	20.67	1.80	22.80	18.47	5	-0.45	-0.24	-1.66
20.	5	1525.6	4.5	1531.2	1520.0	0.6	5	20.53	1.70	22.70	18.47	5	-0.41	-0.21	-1.52
30.	5	1525.4	4.3	1531.1	1520.2	0.6	5	20.41	1.63	22.59	18.47	5	-0.38	0.03	-1.40
50.	5	1525.1	4.1	1530.9	1520.5	0.5	5	20.17	1.54	22.37	18.47	5	-0.39	-0.18	-1.19
75.	5	1524.3	3.0	1527.9	1520.9	0.5	5	19.69	1.09	21.02	18.47	5	-0.59	-0.18	-1.65
100.	5	1523.7	2.2	1526.3	1521.3	0.5	5	19.30	0.80	20.28	18.45	5	-0.45	-0.02	-1.26
125.	5	1523.2	1.8	1525.8	1521.3	0.4	5	19.01	0.64	19.92	18.33	5	-0.36	-0.15	-0.74
150.	5	1523.0	1.4	1525.3	1521.5	0.2	5	18.77	0.52	19.59	18.24	5	-0.29	-0.11	-0.56
200.	5	1522.9	1.0	1524.5	1521.9	0.3	5	18.44	0.34	19.00	18.10	5	-0.18	-0.09	-0.34
250.	5	1523.1	0.5	1523.9	1522.6	0.4	5	18.23	0.18	18.53	18.07	5	-0.13	-0.02	-0.29
300.	5	1523.5	0.2	1523.7	1523.2	0.2	5	18.09	0.07	18.19	18.00	5	-0.06	-0.01	-0.14
400.	5	1524.6	0.5	1525.1	1523.8	0.6	5	17.92	0.16	18.06	17.67	5	-0.04	0.00	-0.14
500.	5	1525.1	1.3	1526.3	1523.1	0.4	5	17.55	0.40	17.93	16.92	5	-0.13	-0.04	-0.21
600.	5	1523.1	2.6	1524.5	1518.5	0.5	5	16.42	0.79	16.89	15.05	4	-0.55	-0.31	-0.93
700.	5	1518.3	4.4	1520.9	1510.6	1.2	5	16.49	1.24	15.23	12.30	5	-0.60	-0.47	-0.74
800.	5	1511.9	5.4	1515.3	1502.2	1.7	5	12.19	1.48	13.14	9.56	5	-0.78	-0.62	-0.97
900.	5	1504.6	5.7	1507.9	1494.5	2.0	5	9.75	1.47	10.62	7.14	5	-0.74	-0.60	-0.91
1000.	5	1498.4	4.3	1501.3	1490.8	0.4	5	7.70	1.10	8.44	5.80	5	-0.55	-0.23	-0.67
1100.	5	1494.3	2.8	1497.2	1489.8	1.6	5	6.26	0.69	6.98	5.15	5	-0.44	-0.20	-0.55
1200.	5	1492.2	1.7	1494.4	1489.8	0.2	5	5.32	0.41	5.87	4.73	5	-0.19	-0.09	-0.34
1300.	5	1492.0	1.1	1493.5	1490.4	0.2	5	4.85	0.27	5.22	4.47	5	-0.14	-0.08	-0.20
1400.	5	1492.3	0.7	1493.1	1491.2	0.3	5	4.53	0.17	4.73	4.26	5	-0.07	-0.03	-0.15
1500.	5	1493.2	0.5	1493.7	1492.5	0.4	5	4.35	0.11	4.46	4.17	5	-0.05	-0.03	-0.08
1750.	5	1496.1	0.2	1496.2	1495.7	0.4	5	4.02	0.05	4.07	3.94	5	-0.04	-0.03	-0.04
2000.	5	1496.3	0.2	1496.4	1496.1	0.4	5	3.79	0.03	3.82	3.74	4	-0.03	-0.02	-0.03
2500.	5	1506.4	0.2	1506.7	1506.2	0.5	5	3.46	0.04	3.52	3.40	5	-0.03	-0.02	-0.04
3000.	5	1513.4	0.2	1513.7	1513.1	0.4	5	3.07	0.05	3.13	3.01	5	-0.02	-0.02	-0.03
4000.	5	1527.9	0.2	1528.1	1527.6	0.5	5	2.38	0.04	2.42	2.32	5	-0.01	-0.01	-0.02
5000.	2	1545.4	0.0	1545.4	1545.4	0.6	2	2.32	0.00	2.32	2.32	2	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 83 OF MARSDEN SQUARE 115 FOR MONTHS 4-6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	MC	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1530.2	5.4	1534.8	1522.4	0	0.0	0.0	0.0	6	23.21	2.62	26.83	19.43	6	0.00	0.00	0.00
10.	5	1529.1	4.8	1533.3	1521.8	5	-3.3	-1.8	-6.4	6	22.76	2.54	26.63	19.16	6	-1.39	-0.21	-2.99
20.	5	1528.0	4.2	1532.1	1521.3	5	-3.2	-1.5	-6.1	6	22.34	2.53	26.51	18.92	6	-1.28	-0.21	-2.74
30.	5	1527.0	3.7	1530.8	1520.9	5	-3.0	-1.2	-5.8	6	21.97	2.57	26.50	18.73	6	-1.11	-0.18	-2.47
40.	5	1525.3	2.9	1528.0	1520.5	5	-2.7	-0.6	-4.9	6	21.30	2.72	26.47	18.45	6	-1.03	-0.11	-2.37
50.	5	1523.2	1.5	1524.7	1520.8	5	-2.5	0.4	-5.5	6	20.22	2.19	24.56	18.41	6	-1.72	-0.05	-4.73
100.	5	1521.7	1.5	1523.3	1519.7	5	-1.6	0.6	-3.0	6	19.22	1.50	22.17	18.12	6	-1.02	-0.72	-2.35
125.	5	1521.1	2.3	1522.9	1517.1	5	-0.7	0.5	-3.2	6	18.71	1.17	20.71	17.11	6	-0.67	-0.02	-1.78
150.	5	1520.6	3.4	1522.6	1516.5	5	-0.5	0.5	-3.2	6	18.35	1.27	20.07	16.12	6	-0.44	-0.02	-1.21
200.	5	1519.5	4.2	1522.5	1508.4	5	-1.0	0.3	-5.2	6	17.57	1.74	18.49	14.03	6	-0.56	-0.09	-1.68
250.	5	1518.3	9.3	1523.0	1501.8	5	-0.7	0.3	-4.0	6	16.91	2.44	18.20	11.97	6	-0.29	-0.06	-1.26
300.	5	1518.2	10.0	1523.6	1500.4	5	-0.3	0.9	-0.4	6	16.50	2.61	18.12	11.33	6	-0.16	0.08	-0.59
400.	5	1517.9	10.5	1524.9	1499.6	5	-0.6	0.4	-1.8	6	15.46	2.96	18.02	10.62	6	-0.27	-0.03	-0.65
500.	5	1516.7	13.4	1525.6	1492.2	5	-1.4	0.2	-3.0	6	13.82	3.79	17.70	8.26	6	-0.55	-0.10	-1.34
600.	5	1509.1	14.9	1523.8	1486.1	5	-1.6	-0.5	-3.7	6	11.78	4.02	16.77	6.27	6	-0.61	-0.32	-1.04
700.	5	1503.2	14.5	1519.9	1483.9	5	-1.9	-0.2	-3.9	6	9.81	3.74	4.94	5.32	6	-0.61	-0.18	-0.93
800.	5	1497.8	12.5	1513.8	1483.7	5	-1.3	-1.2	-1.9	6	8.03	3.77	12.70	4.87	6	-0.47	-0.12	-0.69
900.	5	1493.6	4.3	1506.8	1484.4	4	-1.7	0.3	-2.4	6	6.65	2.22	10.33	4.63	6	-0.44	-0.06	-0.85
1000.	5	1490.3	5.5	1499.0	1485.0	5	-0.6	0.6	-1.8	6	5.55	1.29	7.87	4.38	6	-0.23	-0.04	-0.55
1100.	5	1489.4	3.4	1494.6	1485.8	5	-0.3	0.3	-1.3	6	4.96	0.77	6.32	4.18	6	-0.18	-0.06	-0.47
1200.	5	1488.3	1.9	1492.0	1486.9	5	0.3	0.6	0.1	6	4.55	0.44	5.27	4.03	6	-0.08	-0.05	-0.12
1300.	3	1490.7	1.5	1492.1	1489.2	3	0.2	0.3	0.0	5	4.43	0.32	4.69	4.10	5	-0.07	-0.05	-0.12
1400.	3	1491.5	1.0	1492.4	1490.4	3	0.3	0.6	0.4	5	4.25	0.27	4.56	3.95	5	-0.05	-0.03	-0.04
1500.	2	1492.9	0.4	1493.1	1492.6	2	0.2	0.2	0.2	3	4.12	0.20	4.33	3.83	3	-0.06	-0.04	-0.07
1750.	2	1495.7	0.2	1495.8	1495.5	2	0.4	0.4	0.4	2	3.92	0.05	3.95	3.88	2	-0.03	-0.03	-0.04
2000.	2	1498.0	0.1	1498.0	1498.9	2	0.4	0.4	0.4	2	3.71	0.02	3.72	3.69	2	-0.02	-0.02	-0.03
2500.	2	1506.2	0.4	1506.4	1505.9	2	0.5	0.5	0.5	2	3.38	0.08	3.44	3.32	2	-0.02	-0.01	-0.03
3000.	2	1513.0	0.4	1513.2	1512.7	2	0.4	0.4	0.4	2	2.97	0.08	3.03	2.91	2	-0.03	-0.02	-0.01
4000.	2	1527.9	0.1	1527.9	1527.8	2	0.6	0.6	0.5	2	2.37	0.02	2.38	2.35	2	-0.00	-0.01	-0.01
5000.	1	1545.2	0.0	1545.2	1545.2	1	0.5	0.5	0.5	1	2.28	0.00	2.28	2.28	1	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 84 OF MARSOEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1526.5	5.0	1533.6	1518.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	10	1525.8	5.5	1533.7	1516.1	10	-2.1	0.7	-7.5	11	20.79	1.83	23.80	17.93
20.	10	1525.1	6.2	1533.8	1514.1	10	-2.2	0.6	-8.6	11	20.50	2.02	23.79	17.23
30.	11	1523.8	7.0	1534.0	1512.7	11	-5.2	0.6	-24.4	11	20.02	2.36	23.77	16.45
40.	11	1521.5	9.9	1534.2	1503.0	11	-1.8	6.7	-19.1	11	19.12	3.26	23.73	13.25
75.	11	1520.4	10.0	1530.9	1500.9	10	-0.4	5.6	-4.0	11	18.55	3.19	22.19	12.49
100.	11	1519.3	7.6	1528.1	1501.3	11	-2.4	0.6	-11.2	11	17.99	2.98	20.93	12.47
125.	11	1517.8	9.	1525.8	1499.4	11	-1.8	0.5	-7.8	11	17.36	3.01	19.94	11.81
150.	11	1517.0	10.2	1524.3	1497.3	11	-0.8	0.6	-3.0	11	16.95	3.05	19.23	11.10
175.	11	1515.7	11.6	1522.7	1492.5	11	-0.6	0.4	-2.4	11	16.30	3.41	18.41	9.60
200.	11	1514.9	12.3	1522.8	1489.1	11	-0.6	0.4	-3.7	11	15.83	3.84	18.12	9.50
250.	11	1513.9	15.1	1523.2	1486.1	11	-0.5	0.6	-3.0	11	15.33	4.30	17.90	7.51
300.	11	1512.2	17.8	1524.4	1481.2	11	-0.4	0.6	-1.5	11	14.39	4.93	17.83	5.89
400.	11	1509.1	17.3	1524.5	1480.1	11	-1.5	-0.2	-3.3	11	13.01	4.71	17.37	5.21
500.	12	1505.5	15.3	1520.6	1480.0	12	-1.4	0.2	-3.4	12	11.48	4.05	15.65	4.79
600.	12	1503.4	12.5	1513.9	1480.7	12	-1.6	0.2	-2.9	12	9.60	3.26	13.76	4.56
700.	12	1491.1	8.4	1501.8	1482.7	12	-1.1	0.3	-2.2	12	6.30	1.61	9.02	4.23
800.	12	1488.8	3.9	1498.5	1483.9	12	-0.6	0.6	-1.6	12	5.33	0.97	7.23	4.11
900.	12	1488.7	1.6	1491.5	1486.4	12	-0.0	0.4	-0.9	12	4.78	0.60	6.03	4.02
1000.	12	1489.5	1.1	1491.5	1487.7	12	0.2	0.5	-0.3	12	4.48	0.38	5.18	3.93
1100.	12	1490.5	0.9	1491.8	1488.9	12	0.3	0.4	0.1	12	4.11	0.22	4.42	3.73
1200.	12	1491.6	0.8	1492.7	1490.2	12	0.3	0.4	0.2	12	3.98	0.20	4.23	3.64
1300.	12	1493.1	0.6	1496.0	1493.7	12	0.4	0.6	0.4	12	3.79	0.18	4.00	3.44
1400.	10	1488.9	6.4	1499.3	1497.9	10	0.4	0.5	0.3	10	3.68	0.09	3.79	3.45
1500.	10	1505.8	0.2	1513.1	1512.3	10	0.4	0.5	0.3	10	3.32	0.10	3.45	3.11
2000.	10	1512.7	0.2	1513.1	1512.3	10	0.4	0.6	0.3	10	2.91	0.08	3.01	2.82
3000.	9	1527.7	0.0	1527.8	1527.3	7	0.5	0.5	0.5	9	2.33	0.04	2.36	2.25
4000.														

SUMMARY FOR ONE DEGREE SQUARE 84 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1538.5	3.0	1541.1	1531.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	9	1538.5	3.0	1541.1	1531.5	9	0.1	3.0	-2.4	-2.4	10	-0.21	0.61	-1.77
20.	9	1538.4	3.5	1541.3	1531.3	9	1.0	16.3	-5.8	-5.8	10	0.07	5.59	-2.77
30.	9	1537.7	4.7	1541.4	1529.0	9	-4.5	0.6	-19.5	-19.5	10	-2.13	-0.33	-8.47
50.	9	1534.6	7.9	1541.3	1517.3	9	-4.2	-0.5	-17.8	-17.8	10	-1.99	-0.30	-6.93
75.	9	1531.8	10.2	1541.1	1510.4	9	-3.5	-0.2	-9.0	-9.0	10	-1.57	-0.33	-3.54
100.	9	1528.6	11.8	1540.2	1504.5	9	-4.7	0.1	-14.4	-14.4	10	-2.05	-0.21	-5.93
125.	9	1525.5	12.5	1538.1	1501.9	9	-3.8	-0.2	-11.8	-11.8	10	-1.61	-0.37	-4.41
150.	9	1523.3	13.0	1537.5	1499.4	8	-2.5	-0.7	-3.5	-3.5	10	-1.05	-0.55	-1.77
200.	9	1520.2	13.3	1535.2	1495.1	9	-1.7	-0.1	-2.9	-2.9	10	-0.71	-0.28	-1.29
250.	9	1517.6	13.7	1531.2	1492.3	8	-1.5	-0.2	-2.5	-2.5	10	-0.66	-0.18	-1.14
300.	9	1515.4	15.1	1529.9	1489.2	9	-1.2	-0.1	-3.5	-3.5	10	-0.48	-0.11	-1.04
400.	9	1512.0	17.9	1527.4	1482.4	9	-1.4	0.2	-7.1	-7.1	10	-0.53	-0.10	-2.24
500.	9	1508.3	19.2	1525.5	1480.5	9	-0.9	0.1	-1.8	-1.8	10	-0.39	-0.3	-3.62
600.	9	1504.2	19.1	1523.2	1479.6	8	-0.9	-0.4	-1.9	-1.9	10	-0.44	-0.08	-0.77
700.	8	1502.6	16.9	1518.1	1480.2	7	-1.1	0.2	-2.1	-2.1	9	-0.54	-0.08	-0.91
800.	8	1497.9	13.2	1510.0	1480.9	8	-1.5	0.2	-3.0	-3.0	9	-0.58	-0.08	-0.92
900.	8	1493.4	9.4	1502.5	1481.9	8	-1.4	0.3	-2.4	-2.4	9	-0.51	-0.05	-0.76
1000.	8	1490.2	5.9	1496.2	1483.0	8	-0.9	0.3	-2.0	-2.0	9	-0.36	-0.04	-0.65
1100.	8	1488.5	3.2	1491.6	1484.3	8	-0.5	0.4	-1.4	-1.4	9	-0.25	-0.02	-0.44
1200.	8	1488.7	2.1	1490.6	1485.7	8	0.0	0.4	-0.3	-0.3	9	-0.11	-0.02	-0.20
1300.	8	1489.4	1.6	1490.9	1487.0	8	0.2	0.5	0.1	0.1	9	-0.07	-0.01	-0.13
1400.	8	1490.6	1.4	1491.9	1488.4	8	0.4	0.5	0.2	0.2	9	-0.04	-0.01	-0.09
1500.	8	1491.7	1.1	1492.8	1489.7	8	0.4	0.5	0.2	0.2	9	-0.04	-0.01	-0.06
1750.	8	1495.0	0.9	1495.9	1493.3	8	0.4	0.5	0.4	0.4	9	-0.03	-0.01	-0.04
2000.	8	1498.6	0.8	1499.5	1497.1	8	0.4	0.5	0.4	0.4	9	-0.02	-0.01	-0.04
2500.	7	1505.8	0.8	1506.4	1504.5	6	0.4	0.5	0.4	0.4	8	-0.02	-0.01	-0.04
3000.	5	1512.9	0.7	1513.3	1511.7	5	0.4	0.4	0.4	0.4	6	-0.03	-0.02	-0.04
4000.	4	1527.8	0.0	1527.8	1527.7	4	0.5	0.5	0.5	0.5	5	-0.01	-0.01	-0.02
5000.	1	1545.2	0.0	1545.2	1545.2	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 85 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	7	1526.1	11.9	1538.5	1501.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1525.7	12.4	1538.7	1500.7	7	-1.2	0.7	-8.1	-0.3	10	-0.69	-0.03	-3.12
20.	7	1525.3	13.0	1538.8	1500.0	7	-1.2	0.6	-7.9	-0.3	10	-0.63	-0.03	-2.90
30.	7	1525.0	13.5	1539.0	1499.4	7	-1.0	0.6	-7.3	-0.3	10	-0.70	-0.03	-2.71
50.	8	1524.1	13.4	1538.5	1498.6	8	-2.9	0.5	-9.8	-0.8	10	-1.27	-0.03	-3.64
75.	8	1522.0	13.7	1535.1	1499.0	8	-2.6	0.5	-8.9	-0.8	10	-1.27	-0.02	-3.17
100.	9	1518.6	14.0	1532.8	1499.0	8	-1.6	0.5	-4.3	-0.6	10	-0.83	-0.15	-1.65
125.	9	1516.7	13.7	1531.2	1498.7	9	-2.5	-0.4	-3.9	-0.4	10	-1.09	-0.30	-1.46
150.	9	1514.8	13.5	1529.8	1498.3	9	-2.2	-0.5	-3.7	-0.5	10	-0.94	-0.30	-1.34
200.	9	1512.5	13.7	1527.5	1493.8	9	-0.8	0.3	-3.0	-0.3	10	-0.43	-0.03	-0.98
250.	9	1510.8	14.5	1524.2	1489.7	9	-0.9	0.6	-2.5	-0.6	9	-0.42	-0.06	-0.65
300.	9	1508.5	15.4	1522.7	1486.0	9	-1.5	0.1	-4.3	-0.3	10	-0.54	-0.12	-1.44
400.	9	1503.0	16.2	1523.6	1481.0	9	-1.6	0.3	-6.9	-0.3	10	-0.56	-0.06	-2.14
500.	9	1498.1	15.3	1521.8	1480.3	9	-1.5	-0.3	-3.5	-0.3	10	-0.56	-0.13	-1.44
600.	9	1492.7	12.1	1514.7	1480.2	9	-1.6	-0.1	-3.0	-0.1	10	-0.58	-0.12	-0.99
700.	9	1489.0	6.7	1505.9	1480.6	9	-0.9	0.2	-2.5	-0.2	10	-0.41	-0.06	-0.83
800.	9	1486.2	5.4	1498.0	1481.5	9	-0.8	0.4	-0.4	0.4	10	-0.36	-0.04	-0.76
900.	9	1485.2	2.9	1491.8	1482.6	9	-0.2	0.4	-0.9	-0.4	10	-0.21	-0.04	-0.67
1000.	7	1485.8	1.6	1488.6	1483.9	7	0.1	0.5	-0.9	0.5	8	-0.10	-0.03	-0.33
1100.	7	1486.5	0.8	1487.4	1485.1	7	0.2	0.4	-0.4	0.4	8	-0.08	-0.03	-0.23
1200.	7	1487.6	0.8	1488.4	1485.3	7	0.4	0.4	0.4	0.3	8	-0.04	-0.03	-0.07
1300.	7	1488.8	0.7	1489.6	1487.6	7	0.4	0.4	0.4	0.3	8	-0.04	-0.02	-0.07
1400.	7	1490.0	0.6	1490.9	1489.1	7	0.4	0.4	0.6	0.3	8	-0.04	-0.02	-0.13
1500.	7	1491.3	0.5	1492.2	1490.5	7	0.4	0.4	0.6	0.3	8	-0.02	0.02	-0.03
1750.	7	1494.8	0.4	1495.6	1494.3	7	0.4	0.5	0.4	0.4	8	-0.02	0.02	-0.03
2000.	7	1498.4	0.4	1499.0	1497.8	7	0.4	0.5	0.3	0.3	8	-0.02	-0.01	-0.03
2500.	7	1505.4	0.4	1506.0	1504.6	6	0.4	0.5	0.4	0.4	8	-0.02	0.04	-0.03
3000.	6	1512.2	0.4	1512.7	1511.6	6	0.4	0.4	0.4	0.4	7	-0.03	-0.02	-0.03
4000.	4	1527.6	0.0	1527.7	1527.5	4	0.5	0.5	0.5	0.5	5	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 86 OF MARSDEN SQUARE 115 FUR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1528.9	10.8	1538.6	1508.0	0	0.0	0.0	0.0	9	22.40	3.71	26.08	15.27	0	0.00	0.00	0.03
10.	9	1527.6	11.3	1538.3	1507.0	9	-4.0	0.6	-18.3	9	21.87	3.90	25.85	14.86	9	-1.66	-0.03	-6.71
20.	9	1526.4	12.1	1537.8	1505.9	9	-3.9	0.6	-16.8	9	21.36	4.14	25.54	14.43	9	-1.56	-0.03	-5.88
30.	9	1525.1	13.0	1537.2	1504.7	9	-3.8	0.3	-15.2	9	20.87	4.41	25.17	14.01	9	-1.47	-0.03	-5.05
50.	9	1522.8	14.2	1535.8	1502.7	9	-4.1	-0.3	-7.7	9	19.91	4.74	24.48	13.26	9	-1.80	-0.51	-3.05
75.	9	1519.1	13.6	1533.5	1500.6	9	-4.9	-1.2	-13.4	9	18.39	4.40	23.26	12.46	9	-1.99	-0.67	-4.82
100.	9	1514.1	12.4	1528.8	1499.1	9	-6.5	-0.9	-23.8	9	16.52	3.88	21.25	11.88	9	-2.36	-0.24	-7.65
125.	9	1510.1	12.6	1526.4	1498.2	9	-4.9	-0.6	-19.1	9	15.14	3.85	20.15	11.62	9	-1.67	-0.30	-5.64
150.	9	1507.7	12.9	1524.9	1492.6	9	-1.1	0.9	-2.8	9	14.28	3.83	19.46	10.07	9	-0.56	0.03	-1.16
200.	9	1504.9	10.8	1523.6	1494.7	9	-1.9	3.5	-9.0	9	13.15	3.14	18.69	10.19	9	-0.75	0.73	-2.94
250.	9	1501.9	10.1	1522.9	1490.2	9	-1.9	2.2	-6.8	9	12.03	2.90	18.17	9.80	9	-0.68	0.41	-2.07
300.	9	1499.2	10.7	1522.0	1487.1	9	-1.6	-0.6	-2.7	9	11.67	3.01	17.62	7.77	9	-0.58	-0.31	-0.83
400.	9	1494.4	10.8	1517.0	1482.6	9	-1.5	0.7	-2.2	9	9.33	2.91	15.54	6.21	9	-0.53	0.03	-0.77
500.	9	1488.5	8.7	1506.6	1479.9	8	-1.9	-0.4	-3.6	9	7.35	2.24	12.08	5.16	9	-0.61	-0.20	-1.15
600.	9	1484.8	6.0	1497.0	1479.7	9	-0.9	0.1	-2.9	9	5.98	1.50	9.08	4.72	9	-0.36	-0.09	-0.88
700.	9	1483.1	2.9	1489.2	1480.5	9	-0.6	0.4	-3.2	9	5.15	0.71	6.64	4.51	9	-0.27	-0.03	-0.94
800.	9	1482.7	0.9	1484.5	1481.6	9	0.2	0.6	-0.3	9	4.64	0.24	5.08	4.36	9	-0.07	-0.04	-0.17
900.	9	1483.5	0.9	1485.4	1482.6	8	0.2	0.4	0.1	9	4.43	0.21	4.87	4.22	8	-0.07	-0.03	-0.10
1000.	9	1484.4	0.7	1486.1	1483.7	8	0.2	0.3	0.2	9	4.25	0.18	4.65	4.08	9	-0.05	-0.01	-0.07
1100.	9	1485.5	0.7	1487.0	1484.8	9	0.3	0.5	0.3	9	4.12	0.16	4.45	3.95	9	-0.04	-0.01	-0.06
1200.	8	1486.7	0.6	1487.8	1486.1	7	0.4	0.6	0.2	8	4.00	0.14	4.25	3.85	7	-0.03	-0.02	-0.06
1300.	7	1487.9	0.5	1488.6	1487.3	7	0.4	0.5	0.3	7	3.89	0.12	4.05	3.74	7	-0.02	-0.02	-0.03
1400.	6	1489.3	0.5	1490.0	1488.6	6	0.4	0.5	0.4	6	3.81	0.12	3.98	3.66	6	-0.03	-0.02	-0.04
1500.	6	1490.6	0.5	1491.4	1490.0	6	0.4	0.4	0.4	6	3.73	0.12	3.91	3.59	6	-0.02	-0.01	-0.03
1750.	6	1494.2	0.4	1494.7	1493.7	6	0.4	0.5	0.4	6	3.58	0.09	3.71	3.48	6	-0.02	-0.01	-0.03
2000.	6	1497.7	0.2	1498.1	1497.4	6	0.4	0.5	0.4	6	3.42	0.06	3.51	3.35	6	-0.02	-0.02	-0.04
2500.	5	1504.9	0.4	1505.5	1504.5	5	0.4	0.5	0.3	5	3.11	0.09	3.23	3.03	5	-0.02	-0.01	-0.03
3000.	4	1511.7	0.3	1512.1	1511.4	4	0.4	0.4	0.4	4	2.67	0.07	2.76	2.61	4	-0.02	-0.02	-0.03
4000.	2	1527.5	0.1	1527.5	1527.4	2	0.5	0.5	0.5	2	2.28	0.02	2.29	2.26	2	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 87 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1526.9	6.9	1537.1	1518.5	0	0	0.0	0.0	0.0	7	22.15	2.24	25.52	19.18	0	0.00	0.00
10.	7	1528.3	9.1	1537.1	1510.6	7	4.6	49.8	-27.1	7	22.47	3.98	25.43	16.46	7	1.14	16.12	-9.19
20.	7	1528.4	12.7	1541.4	1502.7	7	0.5	18.9	-24.1	7	22.46	4.26	27.17	13.93	7	-0.03	6.46	-7.71
30.	7	1525.4	14.5	1536.9	1495.9	7	-1.7	6.7	-44.5	7	21.34	4.70	25.24	11.91	7	-4.62	1.77	-16.23
50.	7	1520.4	21.0	1536.7	1487.8	7	-7.3	12.2	-37.2	7	19.69	6.64	25.05	9.60	7	-2.84	3.44	-11.77
75.	7	1512.6	15.6	1534.7	1495.4	7	-4.3	9.3	-24.1	7	16.60	5.02	23.86	11.22	7	-2.04	1.98	-8.03
100.	7	1509.2	13.9	1533.1	1494.2	7	-3.0	6.1	-10.0	7	15.20	4.41	22.90	10.68	7	-1.34	1.31	-3.66
125.	7	1506.8	11.8	1527.0	1496.6	7	-2.3	4.0	-7.4	7	14.16	3.56	20.33	11.10	7	-1.11	0.85	-3.13
150.	7	1503.1	7.9	1513.8	1495.0	7	-5.0	-1.0	-19.4	7	12.83	2.26	15.86	13.55	7	-1.70	-0.14	-6.21
200.	7	1498.2	5.2	1507.3	1493.4	7	-2.3	0.8	-4.2	7	11.18	1.44	13.67	9.84	7	-0.82	-0.07	-1.30
250.	7	1494.4	6.1	1502.2	1486.3	7	-2.3	-0.3	-3.7	7	9.92	1.61	12.02	8.31	7	-0.77	-0.30	-1.07
300.	7	1490.8	5.8	1498.6	1484.9	7	-1.8	-0.2	-3.0	7	8.76	1.52	10.80	7.25	7	-0.62	-0.21	-0.89
400.	7	1485.8	5.2	1494.7	1480.4	6	-1.1	0.5	-3.8	7	7.06	1.32	9.31	5.70	7	-0.49	-0.14	-1.26
500.	7	1481.9	2.9	1487.6	1479.7	7	-0.6	0.4	-2.4	7	5.97	0.71	7.08	5.12	7	-0.28	-0.05	-0.74
600.	7	1480.9	1.4	1483.5	1479.4	6	0.1	0.6	-0.3	7	5.02	0.33	5.65	4.65	7	-0.13	-0.03	-0.25
700.	7	1481.2	1.1	1482.9	1480.0	7	0.1	0.5	-0.1	7	4.68	0.26	5.10	4.38	7	-0.10	-0.05	-0.14
800.	7	1481.9	0.7	1483.2	1480.9	7	0.3	1.0	0.1	7	4.43	0.18	4.76	4.20	7	-0.03	0.08	-0.10
900.	7	1482.9	0.8	1484.1	1482.0	7	0.3	0.5	0.2	7	4.28	0.18	4.56	4.07	7	-0.08	-0.02	-0.14
1000.	7	1483.7	0.5	1484.7	1483.2	7	0.3	0.5	0.2	7	4.09	0.12	4.33	3.96	7	-0.04	-0.01	-0.08
1100.	7	1485.0	0.4	1485.7	1484.5	7	0.4	0.5	0.3	7	3.99	0.11	4.17	3.87	7	-0.02	0.02	-0.05
1200.	7	1486.4	0.3	1486.9	1486.0	7	0.4	0.5	0.3	7	3.92	0.08	4.04	3.85	7	-0.03	-0.01	-0.04
1300.	7	1487.7	0.2	1488.1	1487.3	7	0.4	0.5	0.4	7	3.85	0.06	3.93	3.76	7	-0.02	-0.01	-0.03
1400.	7	1489.2	0.2	1489.4	1488.8	7	0.4	0.7	0.3	7	3.79	0.05	3.85	3.71	7	-0.01	-0.00	-0.03
1500.	7	1490.7	0.2	1490.9	1490.5	7	0.5	0.5	0.5	7	3.75	0.05	3.81	3.70	7	-0.01	-0.00	-0.02
1750.	7	1494.3	0.2	1494.7	1494.1	6	0.4	0.4	0.4	7	3.61	0.06	3.71	3.55	7	-0.02	-0.02	-0.03
2000.	7	1497.7	0.3	1498.4	1497.3	7	0.4	0.6	0.3	7	3.42	0.09	3.57	3.31	7	-0.02	-0.01	-0.04
2500.	7	1504.8	0.7	1506.0	1504.1	6	0.4	0.4	0.4	7	3.08	0.15	3.35	2.91	7	-0.02	-0.02	-0.11
3000.	7	1511.3	0.5	1512.1	1510.7	6	0.4	0.5	0.4	7	2.59	0.12	2.76	2.44	7	-0.02	-0.01	-0.03
4000.	4	1527.3	0.2	1527.5	1527.2	4	0.5	0.5	0.5	5	2.24	0.03	2.29	2.21	5	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 88 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1521.0	21.6	1538.4	1474.8	0	0.0		0.0	0.0	15	20.01	6.53	25.92
10.	15	1520.0	20.3	1538.3	1479.5	15	-3.2	15.6	-27.7	6.84	15	19.53	6.25	25.80
20.	15	1518.7	19.1	1538.2	1483.0	15	-4.3	13.4	-25.3	7.75	15	18.95	5.98	25.56
30.	15	1517.0	18.5	1538.2	1483.3	15	-5.5	11.6	-27.4	8.31	15	18.29	5.85	25.42
50.	15	1514.2	17.7	1535.8	1485.4	15	-3.8	9.8	-27.4	6.71	15	17.13	5.59	24.45
75.	15	1511.5	16.6	1533.9	1487.7	15	-2.1	7.8	-23.5	9.35	15	16.04	5.18	23.44
100.	15	1509.9	15.4	1531.8	1484.2	14	-0.9	14.6	-7.0	8.26	15	15.32	4.71	22.43
125.	15	1508.7	13.1	1528.9	1493.8	15	-1.7	11.7	-7.0	10.49	15	14.70	3.99	21.13
150.	14	1506.0	11.3	1526.2	1493.2	14	-1.9	6.0	-10.8	10.03	15	14.03	3.47	19.98
200.	14	1502.9	10.0	1522.6	1490.7	14	-3.0	-1.0	-8.3	9.13	15	12.76	2.92	18.42
250.	14	1499.0	9.7	1519.7	1488.0	14	-2.4	-0.5	-5.5	8.22	15	11.45	2.83	17.20
300.	14	1495.4	9.5	1514.8	1485.1	14	-1.9	-0.8	-3.4	7.26	15	10.24	2.67	15.37
400.	14	1489.6	8.8	1508.9	1480.7	14	-1.8	-0.6	-3.7	5.75	15	8.17	2.27	13.18
500.	14	1485.0	6.7	1499.8	1479.3	14	-1.2	-0.3	-3.2	5.02	15	6.46	1.64	10.25
600.	11	1483.1	5.0	1494.9	1479.6	11	-0.7	0.4	-2.7	4.69	11	5.56	1.25	8.52
700.	9	1482.5	3.0	1489.6	1480.6	9	-0.2	0.6	-1.4	4.51	9	4.99	0.73	6.72
800.	9	1482.5	1.5	1485.9	1481.3	9	0.1	0.4	-1.1	4.30	9	4.59	0.37	5.40
900.	9	1483.2	1.0	1485.0	1482.2	9	0.3	0.6	0.1	4.12	9	4.35	0.24	4.79
1000.	9	1484.1	0.7	1485.6	1483.3	9	0.2	0.4	0.1	3.99	9	4.18	0.18	4.53
1100.	8	1485.2	0.6	1486.4	1484.5	8	0.3	0.4	0.3	3.88	8	4.03	0.14	4.31
1200.	7	1486.2	0.3	1486.8	1485.8	7	0.4	0.6	0.3	3.79	7	3.89	0.07	4.01
1300.	7	1487.6	0.3	1487.9	1487.2	7	0.4	0.4	0.3	3.65	7	3.81	0.06	3.89
1400.	4	1488.9	0.2	1489.1	1488.6	4	0.5	0.6	0.4	3.59	4	3.72	0.06	3.77
1500.	3	1490.2	0.3	1490.5	1490.0	3	0.4	0.4	0.4	3.54	3	3.64	0.06	3.70
1750.	3	1493.8	0.3	1494.1	1493.6	3	0.4	0.5	0.4	3.44	3	3.49	0.06	3.55
2000.	3	1497.3	0.3	1497.5	1496.9	3	0.5	0.6	0.4	3.23	3	3.32	0.08	3.37
2500.	3	1504.1	0.2	1504.3	1503.9	3	0.4	0.4	0.4	2.86	3	2.92	0.05	2.96
3000.	3	1511.1	0.2	1511.3	1510.9	3	0.4	0.4	0.4	2.49	3	2.54	0.05	2.58
4000.	1	1527.1	0.0	1527.1	1527.1	1	0.5	0.5	0.5	2.20	1	2.50	0.00	2.20

SUMMARY FOR ONE DEGREE SQUARE 88 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	21	1534.3	5.2	1538.6	1522.9	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	21	1534.3	5.4	1538.7	1522.7	21	-0.1	1.0	-5.8	-5.8	21	-0.22	0.21	-2.34
20.	21	1534.2	5.6	1538.9	1522.5	21	-0.1	0.9	-5.2	-5.2	21	-0.23	0.18	-2.25
30.	21	1533.9	5.8	1539.1	1522.3	21	-1.2	0.9	-22.1	-22.1	21	-0.63	0.21	-8.23
50.	21	1532.3	7.3	1539.2	1519.2	20	-4.9	0.3	-16.8	-16.8	21	-2.02	-0.06	-6.79
75.	21	1528.0	10.3	1538.9	1510.0	21	-5.3	0.4	-15.7	-15.7	21	-2.26	-0.06	-5.81
100.	21	1522.9	11.4	1536.8	1505.3	21	-5.7	0.6	-18.7	-18.7	21	-2.37	-0.07	-7.04
125.	21	1518.6	11.3	1535.4	1502.6	21	-4.9	0.9	-16.0	-16.0	21	-1.91	-0.39	-5.8
150.	21	1515.1	11.4	1532.8	1500.0	21	-4.1	1.1	-11.0	-11.0	21	-1.56	-0.48	-3.63
200.	21	1510.2	11.1	1526.4	1495.2	20	-2.5	1.6	-7.6	-7.6	21	-0.95	0.27	-2.88
250.	21	1505.7	11.2	1524.0	1490.6	21	-2.9	1.1	-6.7	-6.7	21	-0.99	-0.52	-2.27
300.	21	1501.2	11.6	1523.1	1486.8	19	-2.6	0.4	-5.8	-5.8	21	-0.87	-0.04	-1.84
400.	21	1493.4	11.1	1516.6	1481.8	21	-2.1	0.4	-3.8	-3.8	21	-0.70	-0.26	-1.33
500.	21	1487.7	8.3	1504.9	1479.9	21	-1.6	0.3	-4.1	-4.1	21	-0.55	-0.10	-1.23
600.	21	1494.5	5.7	1497.8	1479.8	20	-0.8	0.2	-2.7	-2.7	21	-0.32	-0.04	-0.85
700.	21	1482.9	3.1	1491.4	1480.2	21	-0.3	0.9	-2.4	-2.4	21	-0.19	0.09	-0.72
800.	20	1482.7	1.6	1487.4	1481.0	20	0.1	0.5	-0.9	-0.9	20	-0.11	-0.01	-0.34
900.	20	1483.3	1.0	1485.5	1482.0	20	0.3	0.6	-0.3	-0.3	20	-0.06	-0.02	-0.19
1000.	20	1484.2	0.6	1485.7	1483.5	19	0.3	0.4	0.0	0.0	20	-0.05	-0.02	-0.11
1100.	18	1485.3	0.4	1486.5	1484.8	18	0.4	0.7	0.3	0.3	18	-0.03	-0.01	-0.05
1200.	18	1486.6	0.4	1487.6	1486.0	18	0.4	0.5	0.2	0.2	18	-0.04	-0.02	-0.04
1300.	17	1487.8	0.3	1488.7	1487.3	16	0.4	0.5	0.2	0.2	16	-0.02	-0.01	-0.03
1400.	17	1489.2	0.3	1489.9	1488.8	17	0.4	0.5	0.3	0.3	17	-0.02	-0.01	-0.03
1500.	17	1490.5	0.2	1491.2	1490.2	17	0.4	0.6	0.3	0.3	17	-0.02	-0.01	-0.05
1750.	16	1494.0	0.3	1494.7	1493.7	15	0.4	0.5	0.4	0.4	15	-0.02	-0.01	-0.03
2000.	15	1497.6	0.3	1498.3	1497.2	14	0.4	0.5	0.4	0.4	15	-0.02	-0.01	-0.03
2500.	11	1504.4	0.1	1504.9	1504.0	9	0.4	0.5	0.4	0.4	12	-0.02	-0.02	-0.03
3000.	5	1511.3	0.2	1511.6	1511.1	4	0.4	0.4	0.4	0.4	5	-0.02	-0.02	-0.03

SUMMARY FOR ONE DEGREE SQUARE 84 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	11	1520.0	17.0	1538.3	1478.8	0	0.0	0.0	0.0	13	19.27	5.06	26.02	7.48	0	0.00	0.00	0.00
10-	11	1520.1	14.6	1538.2	1490.1	11	0.1	34.4	-19.0	13	19.12	4.53	25.32	10.16	13	-0.60	8.17	-7.76
20-	11	1519.1	13.7	1537.8	1495.4	11	-6.8	16.2	-39.6	13	18.70	4.31	25.69	11.43	13	-2.37	3.87	-13.00
30-	11	1516.7	13.3	1537.4	1496.0	11	-9.4	0.3	-29.0	13	17.78	4.22	25.45	11.50	13	-3.78	-0.10	-10.49
50-	11	1511.2	13.5	1534.2	1496.9	11	-8.7	10.7	-83.3	13	15.75	3.35	23.87	11.61	13	-2.78	2.74	-26.86
75-	11	1506.3	9.5	1527.7	1487.6	11	-4.1	7.2	-23.7	13	14.13	2.57	21.05	9.36	13	-1.11	3.76	-7.47
100-	11	1506.0	6.8	1523.2	1497.0	11	-0.5	12.4	-5.5	13	13.89	1.86	19.21	11.54	13	-0.58	2.99	-1.56
125-	11	1505.8	5.4	1520.2	1500.8	11	-0.1	8.7	-4.1	13	13.56	1.53	18.02	12.05	13	-0.39	2.11	-1.45
150-	11	1505.7	5.6	1519.3	1499.2	11	-0.3	5.2	-5.1	13	13.27	1.65	17.56	11.11	13	-0.32	1.23	-1.52
200-	11	1502.8	6.5	1516.7	1492.4	11	-2.3	0.2	-6.7	13	12.17	1.81	16.45	9.58	13	-0.83	-0.11	-2.17
250-	11	1498.6	6.4	1512.2	1489.0	11	-2.7	-0.4	-6.3	13	10.77	1.75	14.87	8.49	13	-0.67	-0.29	-1.87
300-	11	1494.8	6.5	1509.1	1486.0	11	-2.2	-1.6	-3.8	13	9.53	1.72	13.70	7.49	13	-0.75	-0.56	-1.44
400-	11	1487.7	6.1	1500.6	1479.0	10	-1.6	0.3	-3.3	13	7.36	1.49	10.89	5.40	13	-0.56	-0.09	-1.02
500-	11	1483.4	4.1	1491.8	1478.5	11	-1.2	0.2	-2.5	13	5.90	1.00	8.16	4.75	13	-0.40	-0.09	-0.78
600-	11	1481.6	3.2	1490.0	1478.6	10	-0.2	1.0	-0.9	13	5.04	0.77	7.26	4.26	13	-0.16	0.03	-0.35
700-	11	1481.0	1.8	1485.4	1479.2	11	-0.1	0.3	-1.5	13	4.60	0.40	5.09	4.20	13	-0.13	0.03	-0.49
800-	11	1481.4	1.2	1484.6	1480.2	11	0.2	0.4	-0.2	13	4.31	0.27	5.09	4.05	13	-0.08	-0.02	-0.15
900-	11	1482.2	0.9	1484.5	1481.5	11	0.2	0.4	-0.0	13	4.11	0.19	4.67	3.96	13	-0.06	-0.03	-0.13
1000-	10	1483.3	0.7	1484.9	1482.7	10	0.3	0.5	0.1	12	3.86	0.12	4.12	3.75	12	-0.04	-0.01	-0.09
1100-	10	1484.4	0.5	1485.6	1483.9	10	0.4	0.4	0.2	12	3.67	0.10	3.95	3.67	12	-0.03	-0.02	-0.05
1200-	9	1485.7	0.4	1486.5	1485.3	9	0.4	0.4	0.3	11	3.76	0.10	3.95	3.67	11	-0.03	-0.02	-0.04
1300-	8	1487.1	0.4	1487.7	1486.6	8	0.4	0.4	0.4	10	3.67	0.09	3.85	3.58	10	-0.02	-0.01	-0.04
1400-	8	1488.5	0.4	1489.1	1488.0	8	0.4	0.5	0.4	9	3.64	0.09	3.78	3.52	9	-0.02	-0.01	-0.03
1500-	8	1490.0	0.4	1490.5	1489.4	8	0.5	0.5	0.4	9	3.58	0.09	3.71	3.47	9	-0.02	-0.01	-0.03
1750-	7	1493.7	0.3	1494.0	1493.3	7	0.4	0.5	0.4	8	3.46	0.06	3.54	3.38	8	-0.02	-0.01	-0.02
2000-	7	1497.2	0.2	1497.6	1497.0	7	0.4	0.5	0.4	8	3.30	0.05	3.39	3.24	8	-0.02	-0.01	-0.03
2500-	4	1504.4	0.5	1505.1	1503.8	3	0.4	0.5	0.4	5	2.96	0.11	3.14	2.84	5	-0.07	-0.02	-0.27
3000-	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.43	0.00	2.43	2.43	1	-0.03	-0.03	-0.04

SUMMARY FOR ONE DEGREE SQUARE 89 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	A/G	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	22	1534.2	4.3	1539.6	1525.1	0	0.0	0.0	0.0	23	24.78	1.71	26.97	21.67	0	0.00	0.00	0.00		
10.	22	1533.5	5.1	1541.9	1524.4	22	-1.4	27.4	-20.0	23	24.35	1.99	27.71	20.71	23	-1.12	9.45	-8.40		
20.	22	1531.1	7.0	1544.7	1520.5	22	-12.9	8.5	-54.9	23	23.26	2.67	28.67	19.20	23	-5.85	2.93	-20.52		
30.	22	1527.6	8.1	1536.9	1508.3	22	-26.2	-1.8	-49.8	23	20.24	2.92	25.17	15.28	23	-10.33	-1.04	-19.54		
50.	22	1511.5	7.4	1521.9	1498.0	21	-12.3	1.5	-33.5	23	15.89	2.20	19.12	11.96	23	-6.50	-0.23	-54.68		
75.	22	1507.2	5.3	1519.8	1501.5	20	-3.7	5.7	-14.6	23	14.31	1.55	18.16	12.70	22	-1.94	1.22	-14.52		
100.	22	1504.6	5.0	1519.3	1498.7	22	-2.2	1.0	-8.0	23	13.43	1.42	17.78	11.76	23	-0.76	0.48	-2.48		
125.	22	1503.3	4.9	1519.5	1497.1	22	-1.4	0.9	-4.1	23	12.93	1.39	17.71	11.20	23	-0.56	0.07	-1.39		
150.	22	1501.8	5.2	1519.7	1494.8	22	-2.0	0.6	-3.8	23	12.37	1.45	17.64	10.44	23	-0.75	-0.02	-1.63		
200.	20	1498.2	6.4	1519.8	1490.6	20	-2.4	-0.1	-4.7	20	11.15	1.82	17.43	9.12	20	-0.78	-0.19	-1.40		
250.	20	1494.3	6.9	1518.3	1487.5	20	-2.4	-0.9	-3.6	20	9.88	1.93	16.67	8.09	20	-0.76	-0.46	-1.10		
300.	20	1490.6	6.8	1514.4	1484.5	19	-2.3	-1.2	-3.4	20	8.72	1.84	15.25	7.13	19	-0.73	-0.46	-1.05		
400.	20	1484.5	5.6	1504.8	1479.7	20	-1.7	-0.7	-3.7	20	6.72	1.45	12.03	5.50	20	-0.55	-0.23	-1.19		
500.	20	1480.4	3.7	1494.8	1477.8	19	-0.8	-0.3	-2.9	20	5.40	0.93	8.92	4.66	19	-0.31	-0.15	-0.89		
600.	17	1480.0	1.9	1486.9	1477.9	17	-0.2	0.7	-2.4	17	4.79	0.48	6.48	4.27	17	-0.17	-0.04	-0.73		
700.	16	1480.2	0.8	1482.6	1479.1	16	0.2	0.8	-0.2	16	4.43	0.21	5.02	4.16	16	-0.08	-0.05	-0.17		
800.	16	1481.0	0.5	1482.2	1480.0	15	0.3	0.5	-0.1	16	4.22	0.14	4.54	3.99	16	-0.05	-0.02	-0.15		
900.	15	1482.1	0.4	1482.9	1481.4	15	0.3	0.4	0.2	15	4.09	0.10	4.29	3.92	15	-0.04	-0.03	-0.07		
1000.	14	1483.2	0.4	1484.0	1482.6	13	0.3	0.4	0.3	14	3.95	0.10	4.16	3.83	14	-0.04	-0.03	-0.08		
1100.	14	1484.4	0.4	1485.1	1483.8	14	0.4	0.4	0.2	14	3.84	0.10	4.03	3.70	14	-0.03	-0.02	-0.07		
1200.	14	1485.7	0.4	1486.5	1485.1	14	0.5	1.2	0.3	14	3.75	0.09	3.95	3.61	14	-0.02	0.06	-0.04		
1300.	14	1487.0	0.3	1487.8	1486.6	14	0.5	1.0	0.4	14	3.68	0.08	3.87	3.59	14	-0.02	0.03	-0.03		
1400.	14	1488.4	0.3	1489.2	1488.0	14	0.4	0.5	0.4	14	3.61	0.08	3.79	3.53	14	-0.02	-0.01	-0.04		
1500.	14	1489.8	0.3	1490.5	1489.4	14	0.4	0.5	0.4	14	3.55	0.08	3.71	3.45	14	-0.02	-0.01	-0.03		
1750.	13	1493.5	0.3	1494.0	1493.0	13	0.5	0.8	0.3	14	3.41	0.08	3.53	3.31	14	-0.02	-0.01	-0.02		
2000.	10	1497.2	0.2	1497.6	1496.7	10	0.4	0.5	0.3	11	3.27	0.07	3.38	3.18	11	-0.02	-0.01	-0.01		
2500.	1	1504.2	0.0	1504.2	1504.2	1	0.4	0.4	0.4	1	2.93	0.00	2.93	2.93	1	-0.02	-0.02	-0.02		
3000.	1	1511.1	0.0	1511.1	1511.1	1	0.4	0.4	0.4	1	2.52	0.00	2.52	2.52	1	-0.02	-0.02	-0.02		

SUMMARY FOR ONE DEGREE SQUARE 89 OF MARSDEN SQUARE 115 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1524.8	6.7	1537.7	1513.6	0	0.0	0.0	0.0	11	21.46	3.18	26.03	16.70	0	0.00	0.00	0.00
10.	9	1525.3	9.0	1538.4	1514.0	9	1.8	4.7	0.3	11	21.65	3.26	26.16	16.87	11	0.61	2.68	-0.03
20.	9	1526.1	9.6	1539.2	1514.2	9	2.8	19.3	-1.1	11	21.67	3.40	26.30	16.98	11	0.77	6.20	-1.03
30.	9	1526.8	9.6	1539.3	1514.4	9	-2.8	0.6	-13.5	11	21.74	3.42	26.17	17.01	11	-1.06	2.68	-5.70
50.	9	1520.4	8.9	1534.9	1505.3	9	-11.4	0.5	-37.9	11	19.28	3.28	24.40	14.19	11	-4.83	-0.30	-14.14
75.	9	1516.7	10.4	1531.7	1500.0	9	-1.9	9.5	-9.1	11	17.48	3.36	22.47	12.42	11	-1.34	2.49	-6.64
100.	10	1512.6	9.4	1528.5	1501.7	9	-4.9	2.4	-9.1	11	16.33	3.05	21.04	12.75	11	-1.52	0.55	-3.06
125.	10	1508.8	8.3	1525.0	1500.0	9	-4.3	1.3	-8.7	11	14.92	2.61	19.60	12.12	11	-1.80	-0.90	-4.74
150.	10	1506.2	8.3	1523.0	1497.9	10	-3.1	0.5	-6.7	11	13.79	2.39	18.77	11.37	11	-1.32	-0.18	-3.69
200.	10	1502.1	9.8	1521.8	1493.5	8	-3.0	-0.3	-7.6	11	12.38	2.70	18.07	9.88	11	-0.98	-0.17	-2.36
250.	10	1498.1	10.2	1520.7	1489.5	9	-2.7	-0.7	-5.7	11	11.05	2.75	17.47	8.61	11	-1.03	-0.37	-2.51
300.	10	1494.4	10.0	1519.1	1487.6	8	-2.2	-0.9	-4.9	11	9.80	2.63	16.68	7.91	11	-0.74	-0.38	-1.55
400.	10	1488.1	5.2	1512.5	1481.1	7	-1.5	0.1	-3.0	11	7.76	2.35	14.22	5.87	9	-0.66	-0.13	-1.55
500.	10	1483.7	6.9	1502.8	1479.2	10	-0.9	3.0	-3.0	11	6.21	1.71	11.03	4.99	11	-0.43	-0.15	-0.95
600.	10	1481.5	4.2	1493.2	1479.0	10	-0.4	0.4	-2.9	11	5.23	1.02	8.07	4.55	11	-0.25	-0.04	-0.90
700.	9	1480.6	0.8	1481.7	1479.5	9	0.1	0.3	0.0	10	4.56	0.22	4.91	4.26	10	-0.11	-0.06	-0.32
800.	9	1481.3	0.8	1482.2	1480.3	9	0.1	0.3	0.2	9	4.39	0.30	5.07	4.05	8	-0.04	0.14	-0.69
900.	8	1482.3	0.6	1482.9	1481.5	7	0.3	0.4	0.2	9	4.26	0.40	5.27	3.95	8	-0.06	-0.03	-0.10
1000.	8	1483.3	0.4	1483.8	1482.7	8	0.3	0.4	0.2	9	4.09	0.34	4.97	3.85	9	-0.05	-0.03	-0.09
1100.	8	1484.4	0.3	1484.9	1484.0	8	0.3	0.5	0.2	9	3.93	0.29	4.67	3.75	9	-0.05	-0.02	-0.03
1200.	7	1485.6	0.3	1486.1	1485.4	7	0.4	0.4	0.3	8	3.82	0.23	4.37	3.68	8	-0.04	-0.02	-0.09
1300.	7	1487.0	0.3	1487.4	1486.6	7	0.4	0.4	0.4	8	3.72	0.15	4.07	3.59	8	-0.03	-0.02	-0.09
1400.	6	1488.4	0.2	1488.7	1488.0	6	0.4	0.5	0.4	7	3.62	0.08	3.77	3.51	7	-0.03	-0.01	-0.09
1500.	4	1489.7	0.1	1490.0	1489.3	4	0.4	0.4	0.4	4	3.53	0.07	3.60	3.43	4	-0.02	-0.02	-0.02
1750.	3	1493.5	0.1	1493.6	1493.4	3	0.4	0.5	0.4	3	3.43	0.03	3.46	3.40	3	-0.02	-0.02	-0.02
2000.	1	1497.2	0.0	1497.2	1497.2	1	0.5	0.5	0.5	1	3.29	0.00	3.29	3.29	1	-0.01	-0.01	-0.01
2500.	1	1504.5	0.0	1504.5	1504.5	1	0.4	0.4	0.4	1	3.00	0.00	3.00	3.00	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 91 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN			
0.	6	1527.3	5.9	1537.3	1519.0	0	0.0	0.0	0.0	0.0	6	21.53	2.18	25.53	18.80			
10.	6	1526.5	6.3	1536.0	1516.4	6	-2.6	-1.7	-7.9	6	21.19	2.23	24.86	17.86	6	-1.24	-0.21	-2.87
20.	6	1526.0	5.8	1534.5	1516.4	6	-1.6	-0.3	-4.6	6	20.89	2.03	24.12	17.76	6	-0.95	-0.37	-2.29
30.	6	1525.4	5.6	1533.0	1515.9	6	-1.5	-0.3	-4.6	6	20.59	1.89	23.40	17.54	6	-0.90	-0.30	-2.19
40.	6	1524.5	6.2	1529.9	1512.9	6	-2.6	5.5	-12.2	6	20.10	2.04	21.96	16.46	6	-1.24	1.58	-4.57
75.	6	1519.9	7.6	1526.8	1507.0	6	-4.3	0.8	-18.0	6	16.33	2.35	20.57	14.35	6	-1.73	-0.18	-6.31
100.	6	1519.1	6.8	1522.2	1506.6	6	-1.3	1.5	-3.2	6	17.84	2.12	19.49	14.00	6	-0.64	0.25	-1.32
125.	6	1518.1	7.2	1522.8	1504.3	6	-1.1	0.2	-2.8	6	17.39	2.20	18.15	13.23	6	-0.52	-0.16	-0.94
150.	6	1517.6	7.7	1522.2	1502.6	6	-0.7	0.1	-2.0	6	17.07	2.30	16.49	12.62	6	-0.31	-0.06	-0.7
200.	6	1515.4	9.8	1522.3	1501.4	6	-0.9	0.6	-7.1	6	16.48	2.90	18.24	17.03	6	-0.43	0.03	-2.63
250.	6	1514.6	11.4	1522.8	1498.8	6	-0.9	0.4	-3.4	6	15.71	3.36	18.14	11.09	6	-0.41	-0.02	-1.03
300.	6	1513.6	13.7	1523.4	1494.6	6	-0.6	0.6	-2.6	6	15.12	3.97	18.06	9.72	6	-0.33	-0.33	-0.33
400.	6	1511.2	17.2	1524.5	1489.1	6	-0.8	0.3	-2.5	6	14.06	4.84	17.90	7.98	6	-0.35	-0.03	-0.77
500.	6	1508.1	19.5	1524.9	1483.7	6	-1.0	-0.6	-2.4	6	12.75	5.37	17.47	6.09	6	-0.45	-0.18	-0.81
600.	6	1506.4	18.7	1522.2	1481.3	6	-1.4	-0.4	-2.1	6	11.24	5.04	16.15	5.10	6	-0.54	-0.22	-0.71
700.	6	1500.4	15.8	1516.8	1482.1	6	-1.5	0.2	-2.9	6	9.44	4.15	14.03	4.88	6	-0.57	-0.06	-0.94
800.	5	1497.3	12.9	1511.1	1482.3	5	-0.9	0.1	-2.2	5	8.37	3.55	11.96	4.54	5	-0.34	-0.10	-0.77
900.	5	1493.7	5.9	1504.3	1483.2	5	-1.4	0.3	-2.9	5	6.98	2.48	9.07	4.36	5	-0.50	-0.25	-0.90
1000.	5	1490.5	4.3	1498.6	1484.2	5	-0.6	0.3	-1.7	5	5.74	1.55	7.75	4.20	5	-0.27	-0.15	-0.53
1100.	5	1489.3	3.7	1493.8	1485.5	5	-0.4	0.4	-1.5	5	5.02	0.89	6.13	4.11	5	-0.22	-0.02	-0.49
1200.	5	1488.9	2.0	1491.2	1486.8	5	0.0	0.5	-0.5	5	4.53	0.48	5.07	4.02	5	-0.12	-0.01	-0.26
1300.	5	1489.5	1.3	1490.8	1488.1	5	0.2	0.4	-0.1	5	4.26	0.30	4.28	3.94	5	-0.08	-0.02	-0.15
1400.	2	1489.5	0.0	1489.5	1489.5	2	0.4	0.4	0.4	2	3.86	0.00	3.86	3.86	2	-0.02	-0.02	-0.02
1500.	2	1491.0	0.1	1491.1	1490.9	2	0.5	0.5	0.4	2	3.82	0.03	3.84	3.80	2	-0.01	-0.01	-0.01
1750.	2	1494.7	0.0	1494.7	1494.7	2	0.5	0.5	0.4	2	3.70	0.01	3.70	3.69	2	-0.02	-0.01	-0.01
2000.	2	1498.3	0.0	1498.3	1498.3	2	0.4	0.4	0.4	2	3.55	0.00	3.55	3.55	2	-0.02	-0.02	-0.02
2500.	2	1505.2	0.1	1505.3	1505.1	2	0.4	0.4	0.4	2	3.18	0.04	3.22	3.15	2	-0.02	-0.02	-0.02
3000.	2	1512.4	0.1	1512.5	1512.3	2	0.4	0.4	0.4	2	2.84	0.03	2.86	2.82	2	-0.02	-0.02	-0.02
4000.	2	1527.8	0.1	1527.8	1527.7	2	0.5	0.5	0.5	2	2.34	0.00	2.34	2.34	2	-0.01	-0.01	-0.01
5000.	2	1545.4	0.1	1545.4	1545.3	2	0.6	0.6	0.6	2	2.31	0.01	2.32	2.30	2	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 32 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1534.8	6.6	1542.9	1524.5	0	0.0	0.0	0.0	6	25.12	2.37	28.07	21.47	0	0.00	0.00	0.00
10.	6	1536.0	4.1	1541.9	1532.5	6	3.6	24.4	-3.4	6	25.34	1.61	27.57	23.72	6	0.61	7.32	-1.69
20.	6	1536.4	3.9	1541.8	1532.1	6	1.3	8.1	-2.1	6	25.24	1.51	27.45	23.62	6	-0.30	0.98	-1.19
30.	6	1534.6	6.7	1541.8	1522.6	6	-6.1	-0.5	-29.0	6	24.51	2.46	27.38	20.26	6	-2.27	-0.12	-10.24
50.	6	1531.9	8.7	1542.0	1516.9	6	-4.6	0.3	-9.8	6	23.31	3.30	27.32	17.73	6	-2.25	-0.09	-3.89
75.	6	1522.7	16.4	1540.4	1495.9	6	-4.9	0.5	-9.1	6	19.84	5.57	26.35	11.09	6	-2.01	0.10	-3.19
100.	6	1520.1	13.5	1535.1	1496.6	6	-5.9	0.9	-9.1	6	18.50	4.38	23.68	11.17	6	-2.43	0.10	-3.47
125.	6	1517.0	12.1	1530.3	1497.4	6	-3.1	1.0	-8.7	6	17.22	3.79	21.54	11.25	6	-1.30	0.10	-2.73
150.	6	1514.3	11.5	1527.3	1498.1	6	-3.3	0.9	-6.1	6	16.21	3.55	20.31	11.34	6	-1.14	0.11	-1.76
200.	6	1511.6	11.0	1524.2	1499.5	6	-1.2	0.9	-2.6	6	15.06	3.28	18.92	11.50	6	-0.48	0.10	-0.90
250.	6	1509.3	11.6	1523.5	1497.3	5	-1.6	-0.9	-2.5	6	14.15	3.40	18.39	10.70	6	-2.39	-0.15	-11.29
300.	6	1506.8	12.8	1523.7	1493.5	6	-1.4	0.4	-2.3	6	13.22	3.70	18.19	9.48	6	-0.56	-0.46	-0.64
400.	6	1500.7	15.8	1524.7	1481.4	6	-1.7	0.3	-3.0	6	11.09	4.39	17.94	5.95	6	-0.59	-0.38	-0.85
500.	6	1496.0	15.4	1523.3	1480.7	4	-0.8	0.4	-1.5	6	9.38	4.22	16.99	5.38	5	-0.49	-0.04	-1.03
600.	5	1493.7	15.2	1519.1	1481.7	5	-0.9	0.3	-1.7	5	8.33	4.08	15.19	5.20	5	-0.37	-0.35	-0.53
700.	5	1490.7	12.9	1513.1	1482.2	5	-1.2	0.2	-3.0	5	7.10	3.36	12.94	4.91	5	-0.45	-0.09	-1.01
800.	5	1488.1	5.1	1504.1	1482.7	5	-0.6	0.3	-2.7	5	5.99	2.29	10.03	4.64	5	-0.29	-0.38	-0.89
900.	5	1486.8	5.8	1497.0	1483.1	5	-0.3	0.5	-1.8	5	5.25	1.42	7.76	4.34	5	-0.20	-0.38	-0.67
1000.	5	1486.5	3.2	1492.1	1483.9	5	-0.1	0.2	-1.5	5	4.74	0.78	6.10	4.13	5	-0.16	-0.06	-0.51
1100.	5	1486.7	1.8	1489.7	1485.3	5	0.3	0.4	0.3	5	4.41	0.41	5.11	4.06	5	-0.06	-0.01	-0.13
1200.	5	1487.6	1.2	1489.7	1486.7	5	0.3	0.5	0.2	5	4.22	0.29	4.72	4.01	5	-0.05	-0.02	-0.12
1300.	5	1488.7	0.9	1490.1	1488.0	5	0.3	0.4	0.1	5	4.08	0.20	4.41	3.92	5	-0.04	-0.02	-0.09
1400.	5	1489.9	0.6	1490.8	1489.3	5	0.4	0.4	0.2	5	3.96	0.14	4.19	3.83	5	-0.03	-0.02	-0.05
1500.	5	1491.2	0.5	1491.9	1490.6	5	0.4	0.6	0.3	5	3.87	0.12	4.05	3.74	5	-0.03	-0.02	-0.04
1750.	5	1494.7	0.3	1495.2	1494.5	5	0.4	0.5	0.4	5	3.72	0.07	3.82	3.65	5	-0.02	-0.01	-0.02
2000.	4	1498.3	0.3	1498.8	1498.1	4	0.4	0.5	0.4	4	3.57	0.07	3.67	3.53	4	-0.02	-0.01	-0.02
2500.	3	1505.4	0.1	1505.5	1505.4	3	0.4	0.4	0.4	3	3.23	0.02	3.25	3.22	3	-0.02	-0.02	-0.02
3000.	2	1512.2	0.1	1512.3	1512.1	2	0.5	0.6	0.4	2	2.80	0.05	2.83	2.76	2	-0.02	-0.02	-0.03
4000.	2	1528.1	0.4	1528.4	1527.8	2	0.6	0.6	0.5	2	2.44	0.11	2.51	2.36	2	-0.00	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 94 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	WGT	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1509.1	11.6	1523.1	1495.0	0	0.0	3.51	20.12	11.64	0	0.00	0.00	0.00
10.	6	1508.0	10.4	1519.9	1495.4	6	-3.7	7 15.71	3.20	14.91	7	-1.41	0.07	-4.10
20.	6	1506.8	9.2	1518.1	1495.9	6	-3.7	7 15.26	2.91	14.40	7	-1.37	0.26	-3.78
30.	6	1505.6	8.0	1516.6	1496.3	5	-2.4	7 14.74	2.52	17.74	7	-1.87	0.06	-4.63
40.	6	1503.3	5.6	1512.2	1497.1	6	-3.0	7 13.67	1.66	16.16	7	-1.51	0.05	-3.57
50.	6	1500.5	2.0	1501.3	1498.1	6	-3.0	7 12.63	0.73	13.79	7	-1.23	0.16	-4.65
100.	6	1499.0	2.8	1501.7	1497.7	6	0.1	7 12.12	0.93	13.61	7	-0.13	0.06	-0.50
125.	6	1498.7	2.1	1500.7	1496.5	6	-0.4	7 11.48	0.77	13.18	7	-0.30	0.05	-1.10
150.	6	1498.4	1.8	1500.6	1495.4	6	-0.5	7 11.54	0.62	12.65	7	-0.34	0.37	-1.07
200.	6	1497.1	0.9	1498.7	1496.2	6	-1.5	7 10.41	0.30	11.32	7	-0.64	0.25	-0.96
250.	6	1493.8	1.4	1496.4	1492.2	6	-2.0	7 9.81	0.39	10.44	7	-0.67	0.54	-0.85
300.	6	1490.9	1.8	1493.8	1488.5	5	-1.6	7 8.92	0.46	9.53	7	-0.60	0.35	-0.81
400.	6	1489.6	2.0	1488.2	1483.1	6	-1.7	7 7.01	0.46	7.63	7	-0.56	0.40	-0.62
500.	6	1482.1	0.9	1483.1	1480.7	6	-0.6	7 5.73	0.22	5.94	7	-0.29	0.20	-0.41
600.	6	1481.2	0.6	1481.8	1480.2	6	-0.1	7 5.09	0.13	5.23	7	-0.14	0.06	-0.25
700.	6	1481.5	0.5	1482.0	1480.6	6	0.1	7 4.75	0.12	4.67	7	-0.04	0.06	-0.13
800.	6	1482.7	0.5	1482.9	1481.4	6	0.2	7 4.51	0.12	4.68	7	-0.07	0.05	-0.09
900.	6	1483.1	0.5	1483.9	1482.5	6	0.2	7 4.32	0.11	4.52	7	-0.07	0.03	-0.06
1000.	6	1484.2	0.5	1485.0	1483.6	6	0.3	7 4.18	0.11	4.58	7	-0.07	0.03	-0.06
1100.	6	1485.4	0.5	1486.1	1484.8	6	0.4	7 4.07	0.11	4.26	7	-0.07	0.03	-0.06
1200.	6	1486.7	0.4	1487.4	1486.1	6	0.4	7 3.98	0.10	4.16	7	-0.07	0.03	-0.06
1300.	6	1487.9	0.4	1488.7	1487.6	6	0.4	7 3.89	0.09	4.07	7	-0.07	0.03	-0.06
1400.	6	1489.4	0.4	1490.0	1488.7	6	0.5	7 3.83	0.08	3.99	7	-0.07	0.03	-0.06
1500.	6	1490.8	0.3	1491.4	1490.3	6	0.4	7 3.77	0.08	3.93	6	-0.07	0.03	-0.06
1750.	5	1494.4	0.3	1494.8	1494.1	5	0.5	6 3.63	0.06	3.73	6	-0.07	0.03	-0.06
2000.	5	1498.0	0.4	1498.6	1497.7	5	0.4	6 3.47	0.07	3.61	6	-0.07	0.03	-0.06
2500.	5	1505.0	0.3	1505.4	1504.7	5	0.4	6 3.13	0.06	3.22	6	-0.07	0.03	-0.06
3000.	5	1511.8	0.3	1512.1	1511.4	5	0.4	6 2.72	0.08	2.84	6	-0.07	0.03	-0.06
4000.	5	1527.5	0.0	1527.6	1527.4	5	0.1	6 2.10	0.03	2.35	6	-0.07	0.03	-0.06

SUMMARY FOR ONE DEGREE SQUARE 94 OF MARSDEN SQUARE 115 FOR MONTHS 7-9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1525.7	8.4	1539.8	1516.8	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1525.9	8.3	1539.9	1516.9	6	0.7	4.1	-1.4	18.55	6	-0.05	1.12	-0.75
20.	6	1526.1	8.3	1540.1	1517.0	6	0.6	3.7	3.7	18.39	6	-0.06	1.10	-0.75
30.	6	1525.3	6.5	1534.3	1517.1	6	-4.3	4.0	-29.5	19.39	6	-2.24	1.13	-13.16
50.	6	1520.1	5.3	1528.5	1514.5	5	-15.1	-7.6	-23.9	17.56	6	-5.82	-2.00	-8.69
75.	6	1508.8	6.2	1516.5	1498.6	6	-12.8	-7.4	-21.2	12.48	6	-4.75	-2.63	-7.19
100.	6	1503.1	4.6	1507.5	1495.6	6	9.9	8.1	-3.0	11.37	6	-0.06	1.75	-0.41
125.	6	1503.3	1.8	1505.5	1500.8	6	0.3	6.3	-2.6	12.49	6	-0.17	1.37	-0.99
150.	6	1503.2	0.8	1504.3	1502.1	5	0.3	4.3	-2.7	12.46	5	-0.15	0.85	-0.95
200.	6	1500.6	2.6	1504.1	1497.9	8	-3.3	-2.4	-3.8	11.05	6	-1.09	-0.84	-1.22
250.	6	1495.5	3.1	1500.1	1492.2	6	-3.1	-2.4	-3.5	9.33	6	-0.98	-0.82	-1.07
300.	6	1491.3	3.1	1495.9	1487.9	6	-2.2	-1.7	-2.6	7.99	6	-0.70	-0.58	-0.84
400.	6	1485.7	2.6	1490.3	1483.1	6	-1.4	-0.8	-2.2	6.37	6	-0.48	-0.33	-0.69
500.	6	1481.9	0.9	1482.7	1480.3	6	-0.9	-0.4	-2.7	5.25	6	-0.37	-0.18	-0.85
600.	6	1480.7	0.5	1481.2	1480.0	6	-0.0	0.1	-0.2	4.79	6	-0.13	-0.10	-0.17
700.	6	1480.9	0.5	1481.6	1480.2	6	0.2	0.3	0.1	4.45	6	-0.09	-0.05	-0.12
800.	6	1481.5	0.4	1482.1	1480.8	6	0.2	0.3	0.1	4.50	6	-0.07	-0.05	-0.10
900.	6	1482.6	0.4	1482.9	1481.7	6	0.3	0.5	0.3	4.20	6	-0.04	-0.01	-0.06
1000.	6	1483.6	0.4	1484.2	1482.8	6	0.4	0.4	0.3	4.20	6	-0.04	-0.02	-0.05
1100.	5	1484.7	0.4	1485.0	1484.0	5	0.3	0.4	0.3	3.99	6	-0.04	-0.03	-0.10
1200.	5	1486.1	0.2	1486.3	1485.7	5	0.4	0.4	0.4	3.77	5	-0.03	-0.02	-0.03
1300.	5	1487.4	0.3	1487.7	1487.0	5	0.4	0.5	0.4	3.68	5	-0.02	-0.02	-0.01
1400.	5	1488.8	0.3	1489.1	1488.4	5	0.5	0.5	0.4	3.61	5	-0.02	-0.01	-0.03
1500.	5	1490.3	0.4	1490.7	1489.8	5	0.5	0.8	0.4	3.55	5	-0.01	-0.01	-0.02
1750.	5	1493.9	0.4	1494.3	1493.4	5	0.5	0.6	0.4	3.40	5	-0.02	-0.01	-0.03
2000.	5	1497.5	0.3	1497.8	1497.1	5	0.4	0.5	0.4	3.28	5	-0.01	-0.01	-0.02
2500.	5	1504.7	0.0	1504.8	1504.5	5	0.4	0.4	0.4	3.00	5	-0.02	-0.02	-0.03
3000.	4	1511.8	0.3	1512.2	1511.4	4	0.4	0.5	0.4	2.59	4	-0.02	-0.02	-0.01
4000.	2	1527.5	0.1	1527.5	1527.4	1	0.5	0.5	0.5	2.26	3	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 96 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1510.4	8.7	1522.5	1501.2	0	0.0	0.0	0.0	6	15.90	2.74	19.70	13.17	0	0.00	0.00	0.00
10.	6	1508.7	7.9	1521.7	1500.7	6	-9.7	0.3	-30.5	6	15.30	2.45	19.37	12.93	6	-3.36	-0.10	-10.06
20.	6	1506.4	5.5	1515.7	1500.3	6	-5.4	-1.2	-13.1	6	14.45	1.66	17.23	12.71	6	-1.93	-0.18	-4.30
30.	6	1504.8	4.8	1513.9	1500.0	6	-4.1	-0.6	-11.6	6	13.92	1.43	16.59	12.54	6	-1.38	-0.27	-3.63
50.	6	1502.2	3.8	1509.6	1498.7	6	-6.2	-0.2	-18.3	6	13.01	1.11	15.16	12.06	6	-2.01	-0.29	-3.49
75.	6	1500.2	1.1	1501.3	1498.5	6	-0.9	1.6	-2.3	6	12.31	0.32	12.64	11.84	6	-0.41	0.27	-0.78
100.	6	1499.6	1.3	1501.7	1497.9	6	-0.5	0.6	-2.0	6	12.02	0.36	12.58	11.55	6	-0.30	0.06	-0.71
125.	6	1499.1	1.5	1501.2	1496.7	6	-0.7	1.0	-1.5	6	11.75	0.41	12.33	11.08	6	-0.33	0.37	-0.57
150.	6	1498.7	2.0	1500.5	1495.4	6	-0.2	2.0	-1.6	6	11.51	0.54	12.01	10.62	6	-0.22	0.37	-0.57
200.	6	1497.1	3.0	1500.2	1492.9	6	-1.9	-1.1	-3.0	6	10.85	0.81	11.69	9.71	6	-0.67	-0.43	-0.91
250.	6	1493.7	3.2	1497.9	1490.0	6	-2.2	-1.4	-2.8	6	9.71	0.83	10.82	8.73	6	-0.73	-0.52	-0.94
300.	6	1490.1	2.8	1494.0	1486.4	6	-2.2	-1.5	-2.7	6	8.55	0.71	9.55	7.60	6	-0.69	-0.52	-0.87
400.	6	1484.6	2.5	1487.6	1481.3	5	-1.2	-0.3	-2.0	6	6.72	0.64	7.49	5.90	5	-0.45	-0.19	-0.63
500.	6	1481.8	2.4	1485.8	1479.4	6	-0.6	-0.2	-1.5	6	5.61	0.58	6.60	5.03	6	-0.27	-0.15	-0.50
600.	6	1480.9	1.3	1483.1	1479.5	6	-0.1	0.3	-1.0	6	4.99	0.30	5.52	4.66	6	-0.15	-0.08	-0.36
700.	6	1481.1	0.6	1481.9	1480.2	6	0.2	0.4	0.1	6	4.64	0.13	4.83	4.44	6	-0.06	-0.06	-0.11
800.	6	1481.9	0.4	1482.6	1481.5	6	0.2	0.3	0.2	6	4.44	0.09	4.59	4.35	6	-0.07	-0.06	-0.08
900.	6	1482.8	0.4	1483.4	1482.4	6	0.3	0.3	0.2	6	4.24	0.08	4.38	4.17	6	-0.06	-0.05	-0.08
1000.	6	1483.7	0.3	1484.3	1483.3	6	0.3	0.4	0.3	6	4.09	0.09	4.22	3.99	6	-0.04	-0.02	-0.05
1100.	6	1485.0	0.3	1485.6	1484.6	6	0.4	0.4	0.3	6	3.99	0.08	4.12	3.90	6	-0.03	-0.02	-0.04
1200.	6	1486.3	0.3	1486.8	1485.9	6	0.4	0.4	0.3	6	3.89	0.07	4.02	3.82	6	-0.03	-0.02	-0.03
1300.	6	1487.6	0.2	1488.1	1487.4	6	0.4	0.5	0.4	6	3.81	0.06	3.93	3.76	6	-0.02	-0.01	-0.03
1400.	6	1489.0	0.2	1489.4	1488.7	6	0.4	0.5	0.4	6	3.75	0.05	3.84	3.69	6	-0.02	-0.01	-0.03
1500.	6	1490.4	0.2	1490.7	1490.1	6	0.4	0.5	0.4	6	3.69	0.04	3.76	3.62	6	-0.02	-0.01	-0.02
1750.	6	1494.0	0.3	1494.4	1493.6	6	0.4	0.5	0.4	6	3.54	0.06	3.63	3.45	6	-0.02	-0.01	-0.02
2000.	6	1497.6	0.3	1498.1	1497.0	6	0.4	0.5	0.4	6	3.38	0.09	3.51	3.24	6	-0.02	-0.01	-0.03
2500.	5	1504.4	0.2	1504.6	1504.2	5	0.4	0.5	0.4	6	3.01	0.08	3.15	2.94	6	-0.03	-0.02	-0.04
3000.	5	1511.1	0.3	1511.6	1510.8	5	0.4	0.5	0.4	6	2.56	0.09	2.66	2.46	6	-0.02	-0.02	-0.03
4000.	4	1527.3	0.0	1527.4	1527.2	4	0.5	0.6	0.5	4	2.25	0.02	2.27	2.23	4	-0.00	-0.00	-0.01

SUMMARY FOR ONE DEGREE SQUARE 98 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1528.5	1.4	1529.7	1525.1	0	0.0	0.0	0.0	12	22.39	0.56	23.06	21.24	0.00	0.00
10.	9	1528.7	1.1	1529.9	1526.3	9	0.5	3.0	-1.2	12	22.33	0.51	23.05	21.59	-0.29	-0.61
20.	9	1528.7	1.1	1530.0	1527.0	9	0.1	2.1	-2.4	12	22.16	0.69	23.03	20.83	0.16	-3.93
30.	9	1525.5	3.5	1529.8	1519.1	9	-16.3	0.6	-41.4	12	20.96	1.53	23.03	18.32	-0.34	-16.22
50.	9	1514.9	7.7	1527.9	1502.5	9	-14.0	10.7	-29.0	12	16.74	2.66	21.70	13.26	-5.64	-15.21
75.	9	1509.5	8.5	1520.3	1500.1	9	-1.8	4.1	-7.9	12	15.14	2.56	19.11	12.36	-0.83	-2.93
100.	9	1508.5	8.1	1519.9	1498.1	9	-1.0	1.1	-4.8	12	14.61	2.42	18.23	11.64	-0.50	-1.74
125.	9	1507.6	8.1	1519.9	1499.1	9	-1.2	1.2	-4.3	12	14.24	2.46	18.02	11.72	-0.46	-1.46
150.	9	1506.2	8.5	1520.0	1497.9	9	-2.2	0.1	-5.2	12	13.77	2.59	17.94	11.32	-0.67	-1.65
200.	9	1502.6	10.0	1520.4	1493.5	9	-2.2	0.3	-3.8	12	12.56	3.02	17.72	9.88	-0.73	-1.27
250.	8	1498.9	11.2	1518.1	1489.3	8	-2.4	-1.6	-2.9	10	11.61	3.44	17.22	8.56	-0.81	-0.97
300.	7	1495.7	11.9	1514.6	1485.1	7	-2.7	-2.1	-4.2	9	10.53	3.46	15.69	7.28	-0.86	-1.13
400.	7	1487.6	5.9	1503.4	1478.4	7	-2.1	-0.6	-3.5	9	7.99	2.90	12.91	5.24	-0.68	-1.13
500.	6	1483.2	6.5	1493.1	1477.3	6	-1.3	-0.8	-3.1	8	6.47	2.14	10.50	4.57	-0.84	-3.74
600.	6	1481.0	3.1	1485.7	1478.1	6	-0.5	0.4	-2.3	9	5.43	1.38	8.45	4.35	-0.29	-0.69
700.	6	1481.1	1.8	1483.7	1479.0	6	0.1	0.4	-0.5	8	4.96	1.01	7.28	4.16	-0.13	-0.64
800.	6	1481.7	1.1	1483.0	1480.3	6	0.2	0.5	-0.2	8	4.63	0.73	6.37	4.07	-0.10	-0.29
900.	6	1482.7	0.7	1483.5	1481.7	6	0.3	0.5	0.2	8	4.40	0.50	5.58	4.02	-0.07	-0.24
1000.	6	1483.8	0.5	1484.3	1483.1	6	0.4	0.5	0.2	8	4.21	0.32	4.94	3.95	-0.05	-0.23
1100.	6	1485.2	0.4	1485.5	1484.6	6	0.4	0.5	0.4	8	4.07	0.17	4.43	3.88	-0.04	-0.16
1200.	6	1486.5	0.3	1486.8	1486.1	6	0.4	0.5	0.3	8	3.95	0.08	4.05	3.82	-0.03	-0.12
1300.	6	1487.9	0.2	1488.2	1487.6	6	0.4	0.5	0.3	8	3.88	0.06	3.95	3.78	-0.02	-0.04
1400.	6	1489.3	0.3	1489.6	1488.9	6	0.4	0.5	0.4	8	3.82	0.07	3.88	3.71	-0.01	-0.03
1500.	5	1490.8	0.2	1491.0	1490.4	5	0.5	0.5	0.4	7	3.77	0.08	3.82	3.62	-0.01	-0.03
1750.	4	1494.6	0.4	1494.9	1494.0	4	0.5	0.8	0.4	6	3.60	0.16	3.75	3.32	-0.02	-0.04
2000.	3	1498.1	0.4	1498.4	1497.7	3	0.5	0.5	0.5	5	3.44	0.15	3.56	3.18	-0.02	-0.04
2500.	2	1505.1	0.3	1505.3	1504.9	2	0.4	0.4	0.4	4	3.08	0.12	3.19	2.91	-0.02	-0.04
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.58	0.00	2.58	2.58	-0.04	-0.04

SUMMARY FOR ONE DEGREE SQUARE 99 OF MARSDEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	14	1527.0	3.1	1535.2	1522.9	0	0.0	0.0	0.0	14	22.26	1.09	25.09	20.45	0	0.00	0.00	0.00		
10.	14	1524.0	6.3	1535.4	1516.2	13	-12.0	1.4	-37.3	15	21.08	2.02	25.10	18.45	14	-5.13	0.03	-14.02		
20.	14	1519.7	9.2	1535.1	1507.6	14	-14.4	1.2	-57.9	15	19.33	2.85	24.40	15.22	15	-5.59	0.03	-18.29		
30.	14	1513.5	12.0	1530.9	1491.8	14	-21.1	0.9	-67.1	15	17.17	3.58	22.79	10.97	15	-7.29	-1.04	-22.52		
50.	14	1500.3	13.6	1519.7	1478.0	14	-12.2	9.1	-30.5	15	12.92	3.62	18.56	7.19	15	-4.39	2.13	-10.06		
75.	14	1498.8	8.8	1512.1	1480.0	14	1.9	21.8	-7.4	15	11.97	2.32	15.82	7.44	15	-0.10	5.38	-3.35		
100.	14	1500.2	5.1	1508.4	1491.4	14	1.3	29.6	-6.1	15	12.07	1.47	14.50	9.60	15	0.12	7.47	-1.65		
125.	14	1499.4	3.3	1505.1	1494.5	14	-1.7	4.5	-9.3	15	11.72	1.00	13.42	9.76	15	-0.63	0.96	-2.78		
150.	14	1499.0	2.7	1502.7	1494.0	14	-0.3	7.2	-3.0	15	11.48	0.85	12.61	9.66	15	-0.22	1.65	-0.91		
200.	13	1495.2	3.1	1498.9	1489.7	13	-3.3	-0.5	-6.1	14	10.24	0.85	11.33	8.89	14	-1.00	-0.31	-1.77		
250.	11	1490.3	3.6	1495.6	1484.4	11	-2.7	-2.0	-3.2	12	8.75	0.95	10.23	7.34	12	-0.98	-0.67	-2.55		
300.	10	1486.4	3.7	1492.5	1481.3	10	-2.2	-1.3	-3.0	11	7.60	0.88	9.19	6.36	11	-0.63	-0.19	-0.66		
400.	8	1481.0	2.6	1485.7	1478.0	8	-1.1	-0.8	-2.3	9	5.89	0.60	7.01	5.13	9	-0.40	-0.10	-0.72		
500.	7	1478.6	1.8	1481.1	1475.9	7	-0.5	0.2	-1.8	7	4.87	0.41	5.44	4.26	7	-0.25	-0.08	-0.54		
600.	7	1479.8	0.8	1480.0	1477.8	7	0.3	0.9	-0.0	7	4.54	0.18	4.77	4.29	7	-0.05	0.08	-0.13		
700.	7	1478.9	0.5	1480.3	1479.0	7	0.2	0.4	0.0	7	4.35	0.11	4.48	4.18	7	-0.07	-0.03	-0.11		
800.	7	1480.7	0.5	1481.4	1479.9	7	0.4	0.6	0.3	7	4.17	0.12	4.34	4.00	7	-0.04	-0.01	-0.06		
900.	7	1481.9	0.5	1482.6	1481.1	7	0.4	0.5	0.3	7	4.06	0.12	4.21	3.88	7	-0.03	-0.01	-0.05		
1000.	6	1483.2	0.6	1483.8	1482.3	6	0.4	0.5	0.3	6	3.97	0.15	4.11	3.76	6	-0.03	-0.00	-0.06		
1100.	5	1484.4	0.7	1485.2	1483.5	5	0.3	0.4	0.4	5	3.87	0.17	4.04	3.65	5	-0.02	-0.02	-0.04		
1200.	5	1485.9	0.8	1486.7	1484.9	5	0.4	0.5	0.4	5	3.80	0.18	4.00	3.59	5	-0.01	-0.01	-0.02		
1300.	5	1487.2	0.6	1488.0	1486.6	5	0.4	0.5	0.3	5	3.73	0.14	3.91	3.58	5	-0.02	-0.00	-0.04		
1400.	4	1488.5	0.3	1489.0	1488.2	4	0.4	0.5	0.4	4	3.64	0.08	3.75	3.57	4	-0.02	-0.02	-0.04		
1500.	4	1489.9	0.3	1490.4	1489.6	4	0.4	0.5	0.4	4	3.58	0.08	3.69	3.51	4	-0.02	-0.02	-0.02		
1750.	4	1493.6	0.3	1494.0	1493.3	4	0.4	0.5	0.4	4	3.45	0.06	3.54	3.39	4	-0.01	-0.01	-0.02		
2000.	3	1497.5	0.1	1497.6	1497.4	2	0.5	0.5	0.4	3	3.35	0.03	3.38	3.33	3	-0.01	-0.01	-0.02		

SUMMARY FOR ONE DEGREE SQUARE 6 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1539.0	3.6	1540.8	1529.8	0	0.0	0.0	0.0	10	26.21	1.56	27.04	22.32	0	0.00	0.00	0.00
10.	10	1538.8	3.9	1541.1	1530.0	10	-1.3	0.9	-7.0	10	26.05	1.70	27.07	22.32	10	-0.75	0.15	-3.20
20.	10	1538.2	3.8	1541.2	1530.1	10	-1.9	0.6	-6.1	10	25.70	1.64	27.02	22.30	10	-1.08	0.03	-2.90
30.	10	1536.7	3.5	1540.0	1530.1	10	-6.4	-1.8	-12.2	10	24.98	1.51	26.42	22.21	10	-3.03	-0.27	-5.73
50.	10	1533.2	3.0	1537.0	1528.5	10	-5.0	0.4	-9.1	10	23.32	1.25	24.90	21.44	10	-2.43	-0.34	-4.19
75.	10	1530.2	2.1	1532.4	1526.1	10	-3.6	-0.4	-6.3	10	21.89	0.79	22.75	20.38	10	-1.68	-0.34	-2.90
100.	10	1527.8	1.8	1530.3	1523.6	10	-2.9	-0.9	-4.5	10	20.80	0.67	21.78	19.27	10	-1.22	-0.59	-1.93
125.	10	1526.4	1.7	1529.3	1522.9	9	-1.6	-0.9	-2.3	10	20.15	0.63	21.24	18.88	10	-0.80	-0.48	-1.04
150.	10	1525.5	1.5	1528.4	1522.5	10	-1.1	-0.2	-1.6	10	19.63	0.55	20.73	18.61	10	-0.60	-0.15	-0.78
200.	10	1524.6	1.2	1526.7	1522.6	10	-0.5	0.2	-1.1	10	19.03	0.42	19.79	18.36	10	-0.35	-0.10	-0.55
250.	10	1524.1	0.9	1525.9	1522.9	10	-0.3	0.2	-1.0	10	18.57	0.32	19.21	18.19	10	-0.27	-0.10	-0.50
300.	10	1524.0	0.5	1525.4	1523.2	10	-0.0	0.5	-0.4	10	18.26	0.20	18.75	18.01	10	-0.17	-0.02	-0.29
400.	10	1524.3	0.5	1525.2	1523.2	10	0.1	0.3	-0.1	10	17.82	0.19	18.14	17.49	10	-0.14	-0.07	-0.24
500.	10	1523.1	1.2	1525.9	1521.0	10	-0.5	0.2	-1.3	10	16.91	0.39	17.82	16.28	10	-0.34	-0.08	-0.57
600.	9	1519.2	2.8	1526.0	1515.8	9	-1.5	-1.1	-2.2	9	15.23	0.85	17.35	14.26	9	-0.59	-0.48	-0.77
700.	9	1513.5	3.0	1521.0	1509.8	9	-1.7	-1.4	-2.0	9	13.08	0.88	15.29	12.04	9	-0.65	-0.54	-0.73
800.	9	1506.9	3.3	1515.1	1503.5	9	-2.0	-1.4	-2.7	9	10.81	0.91	13.09	9.88	9	-0.70	-0.53	-0.86
900.	8	1499.9	3.5	1508.1	1497.1	8	-2.3	-1.7	-2.9	8	8.52	0.92	10.69	7.80	8	-0.73	-0.58	-0.83
1000.	8	1494.6	1.8	1497.9	1492.5	8	-1.5	-0.3	-3.3	8	6.72	0.44	7.55	6.21	8	-0.52	-0.22	-0.93
1100.	8	1491.6	1.3	1493.9	1490.6	8	-0.8	-0.3	-1.0	8	5.57	0.32	6.15	5.33	8	-0.31	-0.20	-0.36
1200.	8	1490.1	1.4	1493.2	1489.1	8	-0.4	-0.2	-0.6	8	4.80	0.35	5.56	4.58	8	-0.23	-0.18	-0.29
1300.	8	1489.9	1.2	1492.8	1489.1	8	0.0	0.3	-0.1	8	4.36	0.29	5.04	4.18	8	-0.11	-0.05	-0.16
1400.	8	1490.4	1.0	1492.6	1489.5	8	0.2	0.3	-0.1	8	4.09	0.24	4.60	3.87	8	-0.08	-0.04	-0.13
1500.	8	1491.5	0.7	1492.8	1490.8	8	0.3	0.4	0.1	8	3.94	0.16	4.24	3.79	8	-0.05	-0.02	-0.11
1750.	8	1494.6	0.2	1495.1	1494.3	8	0.4	0.5	0.2	8	3.69	0.05	3.78	3.62	8	-0.02	0.01	-0.07
2000.	1	1498.4	0.0	1498.4	1498.4	1	0.4	0.4	0.4	1	3.57	0.00	3.57	3.57	1	-0.03	-0.03	-0.03
2500.	1	1504.4	0.0	1504.4	1504.4	1	0.4	0.4	0.4	1	2.99	0.00	2.99	2.99	1	-0.04	-0.04	-0.04

SUMMARY FOR ONE DEGREE SQUARE 9 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1539.7	3.2	1544.2	1536.0	0.0	0	0.0	1.36	28.65	25.20	0.00	0	0.00	0.00	0.00
10.	10	1539.7	3.2	1544.3	1536.0	0.1	0	0.1	1.32	28.64	24.84	0.14	13	0.14	2.93	-2.32
20.	10	1539.5	3.1	1543.5	1534.9	0.9	10	-0.9	1.27	28.19	24.28	0.22	13	-0.22	1.34	-2.44
30.	13	1539.3	2.5	1543.2	1534.6	1.2	13	-1.2	1.17	27.99	24.05	0.86	13	-0.86	-0.06	-2.87
50.	13	1537.8	2.4	1541.6	1534.3	2.9	12	-2.9	1.11	27.17	23.69	1.56	12	-1.56	-0.34	-3.55
75.	13	1535.6	2.6	1539.7	1532.1	3.2	13	-3.2	1.13	25.95	22.61	1.69	13	-1.69	-0.50	-4.11
100.	13	1533.2	2.6	1538.2	1529.4	3.0	12	-3.0	1.08	25.06	21.40	1.44	12	-1.44	-0.45	-2.50
125.	13	1530.7	2.9	1536.4	1525.9	3.3	12	-3.3	1.17	24.08	19.91	1.50	12	-1.50	-0.80	-2.21
150.	13	1528.4	3.2	1534.4	1523.5	3.4	13	-2.7	1.22	23.08	18.94	1.22	13	-1.22	-0.35	-2.64
200.	13	1523.8	4.9	1528.8	1512.2	2.7	12	-2.7	1.61	20.61	15.10	1.09	13	-1.09	-0.17	-2.66
250.	12	1519.2	2.5	1526.2	1497.8	2.8	11	-2.8	2.57	19.39	10.78	1.03	12	-1.03	-0.30	-2.63
300.	9	1519.4	6.8	1524.4	1504.6	1.6	8	-1.6	2.19	18.41	12.43	0.83	10	-0.83	-0.14	-1.56
400.	6	1518.9	3.9	1523.8	1514.4	1.3	5	-1.3	1.21	17.65	14.74	0.57	6	-0.57	-0.23	-0.87
500.	6	1513.0	7.6	1521.9	1500.6	1.9	6	-1.9	2.17	16.56	10.44	0.69	6	-0.69	-0.33	-1.38
600.	3	1511.6	7.7	1518.4	1503.3	1.4	3	-1.4	2.17	14.98	10.71	0.69	3	-0.69	-0.61	-0.75
700.	2	1508.2	5.0	1511.7	1504.6	2.3	2	-2.3	1.37	12.56	10.62	0.80	2	-0.80	-0.74	-0.87

SUMMARY FOR ONE DEGREE SQUARE 9 OF MARSDEN SQUARE 116 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1544.4	0.7	1545.2	1543.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1544.4	0.7	1545.6	1543.4	7	-0.4	1.4	-3.0	-3.0	7	-0.29	0.34	-1.66
20.	7	1544.3	0.4	1545.0	1543.7	7	-0.5	0.9	-3.0	-3.0	7	-0.45	-0.06	-1.22
30.	7	1543.9	0.3	1544.3	1543.3	7	-1.4	0.6	-2.7	-2.7	7	-0.94	-0.03	-1.58
50.	7	1542.6	0.8	1544.4	1541.8	7	-2.1	0.5	-4.1	-4.1	7	-1.40	-0.05	-2.44
75.	7	1540.2	1.0	1541.3	1538.7	7	-2.9	-1.5	-4.4	-4.4	7	-1.64	-0.96	-2.37
100.	7	1537.8	1.5	1539.5	1535.0	7	-3.3	-2.0	-4.6	-4.6	7	-1.73	-1.22	-2.23
125.	7	1534.7	2.2	1537.6	1531.3	7	-3.7	-2.0	-4.8	-4.8	7	-1.78	-0.71	-2.23
150.	7	1531.7	2.9	1536.0	1527.8	7	-3.6	-2.0	-8.6	-8.6	7	-1.66	-1.05	-2.18
200.	7	1523.3	2.7	1529.3	1521.5	7	-3.1	-1.7	-4.6	-4.6	7	-1.36	-0.12	-3.29
250.	7	1521.9	5.5	1527.6	1513.2	7	-1.7	-0.1	-4.6	-4.6	7	-0.72	-0.23	-1.47
300.	7	1518.8	7.6	1525.5	1506.8	6	-2.1	-0.5	-4.4	-4.4	6	-0.82	-0.35	-1.45
400.	6	1514.1	10.6	1523.8	1498.0	6	-1.9	-0.4	-3.0	-3.0	6	-0.69	-0.29	-0.91
500.	5	1510.6	10.2	1519.8	1494.1	4	-2.2	-1.2	-3.2	-3.2	5	-0.68	-0.44	-1.03
600.	4	1508.0	6.9	1514.7	1500.2	4	-2.0	-1.0	-2.6	-2.6	4	-0.71	-0.45	-0.82
700.	1	1501.8	0.0	1501.8	1501.8	1	-3.3	-3.3	-3.3	-3.3	1	-1.04	-1.04	-1.04
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 9 OF MARSDEN SQUARE 116 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	7	1540.3	1.6	1542.1	1538.1	0.0	0	0.0	0.0	0.0	7	26.92	0.71	27.80	25.94	0.00
10.	8	1540.8	1.7	1542.7	1538.4	0.3	7	0.6	1.0	0.3	8	27.07	0.76	27.86	25.94	0.07
20.	8	1540.9	1.6	1542.8	1538.6	-3.0	8	-0.1	0.6	-3.0	8	27.03	0.73	27.86	25.93	-0.20
30.	8	1540.9	1.6	1542.9	1538.7	-3.0	8	-0.1	0.6	-3.0	8	26.95	0.71	27.85	25.91	-0.24
50.	8	1540.7	1.6	1543.2	1538.3	-4.9	8	-0.8	1.5	-4.9	8	26.67	0.75	27.79	25.60	-0.76
75.	8	1538.4	2.1	1540.8	1535.4	-7.3	8	-2.7	0.6	-9.3	8	25.39	0.99	26.55	24.03	-1.56
100.	8	1536.1	4.1	1541.0	1529.6	-7.3	8	-3.7	0.4	-7.3	8	24.16	1.80	26.40	21.36	-1.87
125.	8	1533.3	4.5	1539.2	1527.0	-8.0	8	-4.1	-2.3	-8.0	8	22.82	1.89	25.30	20.21	-1.94
150.	8	1530.4	3.9	1535.9	1524.8	-6.6	8	-3.4	-0.8	-6.6	8	21.47	1.54	23.70	19.29	-1.59
200.	8	1526.3	2.6	1530.1	1522.2	-3.4	8	-1.8	-0.6	-3.4	8	19.62	0.94	21.00	18.13	-0.83
250.	8	1523.9	2.0	1525.6	1520.6	-1.4	8	-1.0	-0.5	-1.4	8	18.53	0.70	19.10	17.34	-0.54
300.	8	1521.2	2.8	1524.4	1518.0	-8.2	8	-2.0	0.2	-8.2	8	17.38	0.91	18.42	16.27	-0.82
400.	8	1512.5	10.4	1523.5	1497.4	-7.4	8	-2.8	-0.3	-7.4	8	14.30	3.01	17.57	10.05	-0.94
500.	7	1507.2	11.7	1520.5	1488.8	-4.1	7	-2.0	-0.7	-4.1	7	12.35	3.22	16.11	7.44	-0.70
600.	4	1508.5	5.0	1513.4	1502.0	-3.0	4	-2.6	-2.2	-3.0	4	12.20	1.36	13.54	10.42	-0.85
700.	1	1506.6	0.0	1506.6	1506.6	-2.1	1	-2.1	-2.1	-2.1	1	11.17	0.00	11.17	11.17	-0.72

SUMMARY FOR ONE DEGREE SQUARE 16 OF MARSDEN SQUARE 116 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	5	1537.3	1.3	1539.3	1536.2	0	0.0	0.0	0.0	0.0	5	25.42	0.63	26.37	24.88
10.	5	1537.5	1.3	1539.5	1536.4	5	0.5	0.9	0.6	0.6	5	25.43	0.65	26.39	24.87
20.	5	1537.7	1.3	1539.7	1536.6	5	0.5	0.6	0.3	0.3	5	25.43	0.65	26.40	24.86
30.	5	1537.9	1.4	1540.0	1536.8	5	0.6	0.8	0.3	0.3	5	25.44	0.67	26.43	24.85
50.	5	1537.7	0.8	1539.0	1537.1	5	-2.0	1.5	-9.1	-9.1	5	25.18	0.36	25.78	24.82
75.	5	1535.8	1.3	1536.9	1533.9	4	-5.0	-2.9	-9.1	-9.1	5	24.15	0.56	24.66	23.33
100.	5	1532.0	0.8	1532.9	1531.0	4	-3.0	-1.8	-3.8	-3.8	5	22.37	0.32	22.72	21.99
125.	5	1529.2	0.7	1529.9	1528.2	5	-3.4	-2.3	-4.3	-4.3	5	21.15	0.26	21.37	20.79
150.	5	1527.2	0.8	1528.1	1526.2	5	-2.2	-1.4	-3.0	-3.0	5	20.27	0.26	20.59	19.91
200.	5	1525.0	0.5	1525.8	1524.4	5	-0.9	-0.5	-1.5	-1.5	5	19.18	0.19	19.48	18.97
250.	5	1524.2	0.7	1525.3	1523.4	5	-0.8	0.2	-3.0	-3.0	5	18.62	0.24	19.00	18.36
300.	5	1523.8	0.4	1524.2	1523.3	5	-0.4	-1.8	-1.8	-1.8	5	18.19	0.11	18.29	18.03
400.	5	1523.7	0.4	1524.1	1523.3	5	0.1	0.3	0.3	0.3	5	17.64	0.12	17.76	17.51
500.	5	1522.0	0.7	1523.2	1521.4	5	-0.8	-0.5	-1.5	-1.5	5	16.58	0.25	16.95	16.37
600.	5	1517.4	0.9	1518.9	1516.4	5	-1.6	-1.3	-2.0	-2.0	5	14.69	0.28	15.12	14.35
700.	5	1510.7	1.2	1512.7	1509.6	5	-2.4	-2.2	-3.0	-3.0	5	12.28	0.35	12.85	11.95
800.	5	1503.3	1.1	1505.0	1502.3	5	-2.1	-1.6	-3.0	-3.0	5	9.83	0.30	10.28	9.58
900.	5	1497.5	0.8	1498.7	1496.7	5	-1.6	-1.3	-1.9	-1.9	5	7.89	0.21	8.20	7.66
1000.	5	1492.7	1.3	1494.2	1491.2	5	-1.4	-0.7	-2.2	-2.2	5	6.23	0.31	6.62	5.89
1100.	5	1490.3	1.4	1492.3	1489.0	5	-0.7	-0.3	-0.8	-0.8	5	5.25	0.34	5.74	4.94
1200.	5	1490.1	0.7	1491.1	1489.4	5	-0.0	0.2	-0.4	-0.4	5	4.81	0.17	5.05	4.64
1300.	5	1490.5	0.5	1491.4	1490.0	5	0.2	0.3	0.1	0.1	5	4.50	0.13	4.72	4.39
1400.	5	1491.2	0.6	1492.1	1490.7	5	0.2	0.4	0.1	0.1	5	4.28	0.12	4.47	4.17
1500.	5	1492.3	0.4	1492.8	1491.9	5	0.3	0.4	0.2	0.2	5	4.12	0.08	4.25	4.03
1750.	5	1495.2	0.0	1495.5	1495.0	5	0.4	0.4	0.3	0.3	5	3.81	0.02	3.83	3.78
2000.	5	1498.3	0.2	1498.6	1498.1	3	0.4	0.4	0.4	0.4	5	3.55	0.04	3.61	3.51

SUMMARY FOR ONE DEGREE SQUARE 17 OF MARSDEN SQUARE 116 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	A. 1	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1536.3	0.1	1536.4	1536.1	0	0.0	0.0	0.0	9	24.94	0.06	25.04	24.85	9	0.00	0.00	0.00
10.	6	1536.4	0.0	1536.6	1536.3	6	0.5	0.6	0.3	9	24.94	0.06	25.03	24.85	9	-0.01	-0.03	-0.03
20.	6	1536.6	0.0	1536.7	1536.4	6	0.4	0.6	0.3	9	24.94	0.06	25.03	24.86	9	-0.01	-0.03	-0.03
30.	6	1536.7	0.0	1536.9	1536.6	6	0.6	0.6	0.3	9	24.93	0.05	25.02	24.85	9	-0.02	-0.03	-0.03
50.	8	1537.1	0.1	1537.2	1536.9	7	0.4	1.5	0.5	9	24.92	0.05	25.00	24.85	9	-0.10	0.02	-0.30
75.	8	1536.8	0.7	1537.7	1535.7	8	-2.9	0.6	-9.1	9	24.63	0.30	24.94	24.11	9	-1.52	0.12	-4.47
100.	8	1531.6	0.7	1532.8	1530.3	8	-5.5	-3.8	-6.9	9	22.26	0.30	22.72	21.71	9	-2.40	-1.52	-3.09
125.	8	1528.2	0.3	1528.5	1527.7	8	-3.5	-2.0	-5.5	9	20.79	0.14	20.91	20.57	9	-1.45	-0.91	-2.28
150.	8	1526.4	0.3	1526.8	1526.0	6	-1.9	-1.0	-3.0	9	19.97	0.12	20.13	19.80	9	-0.88	-0.67	-1.17
200.	8	1524.5	0.3	1524.9	1524.0	8	-0.6	-0.5	-1.2	9	18.98	0.11	19.14	18.82	9	-0.43	-0.30	-0.62
250.	8	1523.8	0.3	1524.1	1523.3	7	-0.3	-0.2	-0.5	9	18.47	0.12	18.60	18.31	9	-0.27	-0.27	-0.35
300.	8	1523.7	0.2	1523.9	1523.3	7	0.1	0.3	-0.2	9	18.16	0.08	18.23	18.04	8	-0.13	-0.06	-0.21
400.	8	1523.8	0.3	1524.2	1523.3	7	0.1	0.3	-0.3	9	17.64	0.15	17.79	17.34	9	-0.18	-0.10	-0.30
500.	8	1522.4	0.7	1523.6	1521.4	7	-0.6	0.4	-1.2	8	16.69	0.22	17.08	16.34	8	-0.34	-0.02	-0.50
600.	8	1517.6	0.9	1518.6	1515.7	7	-1.6	-1.3	-1.9	8	14.73	0.27	15.04	14.19	8	-0.69	-0.55	-1.00
700.	8	1511.2	1.5	1512.7	1508.6	8	-2.1	-1.3	-2.7	8	12.44	0.42	12.64	11.70	8	-0.72	-0.53	-0.67
800.	8	1503.0	2.0	1505.3	1499.1	7	-3.3	-1.4	-10.2	8	9.74	0.53	10.36	8.73	8	-0.98	-0.53	-2.91
900.	8	1497.2	1.6	1498.6	1494.0	8	-1.5	-0.9	-1.9	8	7.81	0.40	8.18	7.00	8	-0.51	-0.37	-0.61
1000.	7	1491.7	0.6	1492.3	1490.0	6	-1.6	-0.8	-2.4	8	6.07	0.19	6.39	5.72	8	-0.48	-0.25	-0.73
1100.	7	1489.2	0.8	1490.4	1488.5	7	-0.4	-0.1	-0.6	8	5.07	0.29	5.66	4.81	8	-0.21	-0.10	-0.29
1200.	6	1489.1	0.4	1489.9	1488.7	6	0.1	0.2	-0.2	7	4.66	0.20	5.04	4.48	7	-0.10	-0.07	-0.19
1300.	6	1489.8	0.2	1490.0	1489.5	6	0.2	0.3	0.2	7	4.36	0.08	4.52	4.27	7	-0.08	-0.06	-0.15
1400.	6	1490.7	0.2	1491.0	1490.5	6	0.3	0.3	0.2	7	4.14	0.04	4.21	4.10	7	-0.07	-0.05	-0.12
1500.	6	1491.8	0.1	1492.0	1491.6	6	0.4	0.5	0.3	7	4.01	0.03	4.05	3.97	7	-0.03	-0.02	-0.05
1750.	5	1495.0	0.0	1495.2	1494.9	5	0.4	0.4	0.4	7	3.77	0.03	3.82	3.72	7	-0.03	-0.02	-0.04
2000.	5	1498.2	0.0	1498.4	1498.2	5	0.4	0.5	0.4	7	3.53	0.03	3.59	3.48	7	-0.03	-0.02	-0.04
2500.	1	1504.3	0.0	1504.3	1504.3	1	0.4	0.4	0.4	1	2.97	0.00	2.97	2.97	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE' SQUARE 22 OF MARSDEN SQUARE 116 FOR MONTHS 1 - 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
5	1523.0	1523.9	1521.6	0	0.0	0.0	5	19.62	0.33	19.94	19.13	0	0.00	0.00
10	1523.0	1523.9	1521.7	5	-0.1	0.3	5	19.58	0.30	19.90	19.13	5	-0.09	-0.12
20	1523.1	1524.1	1521.8	5	0.4	0.6	5	19.57	0.31	19.91	19.11	5	-0.04	-0.14
30	1523.3	1524.3	1522.0	5	0.2	0.8	5	19.56	0.34	19.92	19.12	5	-0.01	-0.27
40	1523.5	1524.7	1522.4	5	-0.1	0.6	5	19.54	0.37	19.96	19.13	5	-0.17	-0.61
50	1523.5	1524.9	1522.5	5	-0.5	-0.1	5	19.54	0.37	19.96	19.13	5	-0.36	-0.60
60	1523.5	1525.0	1522.5	5	0.1	0.8	5	19.18	0.37	19.75	18.88	5	-0.13	-0.20
70	1523.5	1525.3	1522.4	5	0.1	0.5	5	19.09	0.43	19.74	18.70	5	-0.09	-0.33
80	1523.7	1525.5	1522.4	5	0.1	0.8	5	19.01	0.45	19.67	18.57	5	-0.12	-0.38
90	1524.0	1525.6	1522.7	5	0.2	0.5	5	18.82	0.40	19.41	18.39	5	-0.11	-0.14
100	1524.2	1525.7	1522.7	5	0.1	0.3	5	18.62	0.39	19.16	18.11	5	-0.13	-0.14
110	1524.4	1525.8	1522.7	5	0.2	0.4	5	18.42	0.37	18.69	17.86	5	-0.11	-0.14
120	1524.6	1525.6	1522.3	5	0.0	0.2	5	17.92	0.42	18.28	17.19	5	-0.15	-0.21
130	1524.8	1525.7	1523.9	4	-0.2	0.2	4	17.45	0.26	17.76	17.18	4	-0.21	-0.37
140	1522.3	1525.0	1521.0	4	-0.6	-0.4	4	16.36	0.54	17.01	15.77	4	-0.34	-0.43
150	1518.3	1521.0	1516.5	4	-1.8	-1.5	4	14.48	0.64	15.27	13.95	4	-0.67	-0.59
160	1512.0	1514.8	1510.2	4	-2.2	-1.9	4	12.10	0.60	12.48	11.71	4	-0.77	-0.67
170	1505.3	1507.4	1504.1	4	-2.1	-1.9	4	9.91	0.40	10.49	9.58	4	-0.69	-0.74
180	1499.6	1501.2	1498.8	4	-1.7	-1.6	4	8.00	0.29	8.42	7.75	4	-0.58	-0.64
190	1495.6	1496.8	1494.4	4	-1.1	-0.9	4	6.56	0.26	6.88	6.25	4	-0.40	-0.46
200	1493.9	1494.5	1493.6	4	-0.4	-0.0	4	5.71	0.11	5.87	5.64	4	-0.22	-0.31
210	1493.5	1493.8	1493.3	4	-0.0	-0.0	4	5.22	0.06	5.27	5.16	4	-0.14	-0.12
220	1493.6	1493.6	1493.3	4	0.0	0.0	4	4.84	0.06	4.90	4.76	4	-0.11	-0.08
230	1494.1	1494.3	1493.8	4	0.2	0.3	4	4.55	0.05	4.59	4.48	4	-0.08	-0.13
240	1496.2	1496.3	1496.1	4	0.4	0.6	4	4.06	0.01	4.17	4.04	4	-0.04	-0.06
250	1499.5	1499.5	1499.4	4	0.4	0.4	4	3.83	0.02	3.84	3.80	4	-0.02	-0.03
260	1506.2	1506.5	1505.8	4	0.4	0.5	4	3.39	0.07	3.44	3.30	4	-0.03	-0.04
270	1513.4	1513.7	1513.1	4	0.4	0.4	4	3.08	0.06	3.14	3.01	4	-0.03	-0.04
280	1518.2	1518.3	1518.0	4	0.5	0.5	4	2.45	0.03	2.47	2.41	4	-0.01	-0.01
290	1545.4	1545.4	1545.3	2	0.5	0.5	2	2.31	0.01	2.32	2.30	2	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 26 OF MARSDEN SQUARE 116 FOR MONTHS 4-6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1537.2	3.0	1539.1	1531.2	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1516.7	2.8	1539.2	1531.3	6	-1.6	0.3	0.3	0.4	6	-0.94	-0.12	-3.11
20.	6	1515.3	3.0	1539.5	1531.2	6	-2.2	0.6	0.6	0.6	6	-1.27	-0.12	-3.66
30.	6	1515.4	3.3	1539.5	1531.0	6	-3.2	-0.4	-7.3	-7.3	6	-1.71	-0.58	-3.44
40.	6	1513.6	3.4	1538.3	1528.3	6	-2.7	0.5	-6.1	-6.1	6	-1.34	-0.54	-2.61
50.	6	1511.1	4.1	1535.6	1523.7	6	-2.9	-1.6	-5.6	-5.6	6	-1.41	-0.77	-2.55
75.	6	1529.4	4.1	1533.8	1521.6	6	-1.5	-0.7	-3.9	-3.9	6	-0.81	-0.17	-1.74
100.	6	1528.4	3.7	1532.9	1521.7	6	-1.1	0.1	-2.1	-2.1	6	-0.63	-0.16	-1.51
125.	6	1527.5	3.4	1532.0	1521.8	6	-1.1	0.1	-2.1	-2.1	6	-0.63	-0.16	-1.51
150.	6	1525.6	3.6	1530.1	1521.2	6	-1.2	0.2	-3.1	-3.1	6	-0.56	-0.09	-1.41
200.	6	1524.3	3.1	1528.1	1519.5	6	-0.6	0.2	-1.2	-1.2	6	-0.37	-0.39	-0.61
250.	6	1523.7	3.1	1526.7	1518.4	6	-0.4	0.8	-0.9	-0.9	6	-0.31	-0.08	-0.44
300.	6	1522.5	4.3	1525.7	1515.9	5	-0.1	0.4	-1.1	-1.1	6	-0.51	-0.08	-2.22
400.	5	1518.7	5.7	1525.6	1509.4	5	-1.5	-0.6	-2.0	-2.0	5	-0.35	-0.06	-0.47
500.	5	1512.7	8.7	1522.5	1503.9	5	-1.8	-1.6	-3.4	-3.4	5	-0.61	-0.36	-0.74
600.	5	1503.6	8.8	1516.7	1494.6	5	-3.6	-1.8	-7.7	-7.7	5	-0.68	-0.30	-1.15
700.	5	1495.9	9.3	1508.7	1483.7	5	-2.3	-1.0	-4.0	-4.0	5	-1.09	-0.56	-2.14
800.	5	1493.4	5.7	1501.8	1484.8	4	-1.2	-0.6	-2.0	-2.0	5	-0.72	-0.36	-1.15
900.	4	1490.8	3.8	1496.4	1484.3	4	-0.7	-0.1	-1.6	-1.6	5	-0.35	-0.32	-0.61
1000.	4	1489.8	2.8	1493.2	1488.1	4	0.1	0.5	-0.3	-0.3	4	-0.26	-0.16	-0.55
1100.	4	1490.2	1.8	1492.7	1488.7	4	0.2	0.4	-0.2	-0.2	4	-0.11	-0.02	-0.19
1200.	4	1491.0	1.1	1492.5	1490.1	4	0.3	0.4	-0.1	-0.1	4	-0.08	-0.03	-0.15
1300.	3	1492.1	0.7	1492.7	1491.7	3	0.3	0.4	0.1	0.1	4	-0.06	-0.02	-0.14
1400.	2	1494.8	0.1	1494.8	1494.7	2	0.3	0.4	0.2	0.2	3	-0.06	-0.04	-0.10
1500.	1	1498.1	0.0	1498.1	1498.1	1	0.4	0.4	0.4	0.4	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 27 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	8	1539.5	4.1	1544.6	1533.1	0	0.0	0.0	0.0	8	26.50	1.85	28.80	23.66	0	0.00	0.00	0.00		
10.	8	1538.0	4.0	1543.0	1532.9	8	-3.2	0.3	-11.9	8	25.99	1.80	28.03	23.49	8	-1.64	-0.03	-5.79		
20.	8	1538.0	4.5	1543.1	1532.3	8	-1.7	0.6	-8.8	8	25.69	2.02	28.01	23.13	8	-0.91	0.03	-3.81		
30.	8	1536.1	6.4	1543.2	1527.4	8	-6.9	0.4	-17.4	8	24.84	2.76	27.99	21.29	8	-3.00	-0.04	-6.93		
50.	8	1531.5	10.4	1542.8	1516.3	8	-7.6	-1.7	-16.9	8	22.98	4.11	27.66	17.25	8	-3.11	-1.05	-6.16		
75.	8	1526.0	14.0	1541.0	1503.7	8	-6.3	-2.0	-15.4	8	20.82	5.09	26.63	13.22	8	-2.42	-0.91	-5.26		
100.	8	1521.9	15.6	1539.4	1496.6	8	-4.9	-1.4	-12.2	8	19.27	5.43	25.71	11.15	8	-1.88	-0.74	-4.62		
125.	8	1518.8	16.5	1537.4	1494.1	8	-3.4	-0.4	-8.2	8	18.07	5.53	24.54	10.37	8	-1.33	-0.37	-2.53		
150.	8	1516.2	17.1	1536.4	1492.1	8	-3.1	-0.4	-6.9	8	17.04	5.52	23.90	9.72	8	-1.22	-0.32	-2.34		
200.	8	1511.3	16.6	1533.4	1489.5	8	-3.1	-0.1	-10.7	8	15.15	5.06	22.27	8.82	8	-1.18	-0.23	-3.82		
250.	7	1509.5	16.5	1528.4	1488.3	7	-1.7	-0.1	-4.6	7	14.33	4.86	20.08	8.31	7	-0.75	-0.20	-1.53		
300.	6	1508.5	16.5	1523.8	1487.6	5	-1.8	-0.4	-3.1	6	13.79	4.71	18.19	7.93	6	-0.71	-0.23	-1.18		
400.	5	1507.0	14.7	1524.8	1487.9	5	-1.4	0.1	-2.9	5	12.82	4.12	17.98	7.59	5	-0.56	-0.10	-1.03		
500.	3	1509.3	12.7	1523.9	1501.0	3	-2.8	-1.5	-3.5	3	12.95	3.67	17.18	10.56	3	-0.83	-0.30	-1.11		
600.	2	1509.7	16.9	1521.6	1497.7	2	-0.8	-0.7	-0.9	2	12.61	4.75	15.97	9.25	2	-0.37	-0.37	-0.37		
700.	1	1518.0	0.0	1518.0	1518.0	1	-1.1	-1.1	-1.1	1	14.40	0.00	14.40	14.40	1	-0.48	-0.48	-0.48		
800.	1	1511.5	0.0	1511.5	1511.5	1	-2.5	-2.5	-2.5	1	12.06	0.00	12.06	12.06	1	-0.85	-0.85	-0.85		
900.	1	1504.1	0.0	1504.1	1504.1	1	-2.3	-2.3	-2.3	1	9.61	0.00	9.61	9.61	1	-0.75	-0.75	-0.75		
1000.	1	1498.1	0.0	1498.1	1498.1	1	-0.6	-0.6	-0.6	1	7.65	0.00	7.65	7.65	1	-0.30	-0.30	-0.30		
1100.	1	1496.0	0.0	1496.0	1496.0	1	-0.6	-0.6	-0.6	1	6.70	0.00	6.70	6.70	1	-0.29	-0.29	-0.29		
1200.	1	1494.4	0.0	1494.4	1494.4	1	-0.5	-0.5	-0.5	1	5.88	0.00	5.88	5.88	1	-0.25	-0.25	-0.25		
1300.	1	1493.2	0.0	1493.2	1493.2	1	-0.4	-0.4	-0.4	1	5.18	0.00	5.18	5.18	1	-0.21	-0.21	-0.21		
1400.	1	1492.5	0.0	1492.5	1492.5	1	-0.2	-0.2	-0.2	1	4.60	0.00	4.60	4.60	1	-0.18	-0.18	-0.18		
1500.	1	1492.6	0.0	1492.6	1492.6	1	0.3	0.3	0.3	1	4.23	0.00	4.23	4.23	1	-0.03	-0.03	-0.03		
1750.	1	1495.5	0.0	1495.5	1495.5	1	0.4	0.4	0.4	1	3.91	0.00	3.91	3.91	1	-0.04	-0.04	-0.04		

SUMMARY FOR ONE DEGREE SQUARE 31 OF MARSDEN SQUARE 115 FOR MONTHS 1- 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1521.0	2.8	1524.3	1518.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1521.1	2.8	1524.4	1518.5	6	-5.1	3.0	-33.5	0.99	6	-2.03	0.19	-11.89
20.	6	1521.2	2.7	1524.4	1518.6	6	0.2	0.9	0.4	0.99	6	-0.06	0.15	-0.30
30.	6	1521.3	2.7	1524.6	1518.8	6	0.3	1.5	-0.5	0.96	6	-0.08	0.20	-0.40
50.	6	1521.3	2.4	1524.8	1519.1	6	-0.2	0.5	-1.9	0.84	6	-0.19	-0.33	-0.83
75.	6	1521.4	2.2	1525.0	1519.5	5	0.1	0.5	-0.9	0.77	6	-0.12	-0.02	-0.54
100.	6	1521.7	2.1	1525.2	1519.7	6	0.4	1.0	0.3	0.74	6	-0.35	-0.03	-0.13
125.	6	1522.0	2.1	1525.5	1520.0	6	0.2	0.5	-0.3	0.73	6	-0.08	0.01	-0.24
150.	6	1522.2	2.0	1525.8	1520.3	6	0.3	0.5	0.1	0.70	6	-0.06	0.02	-0.13
200.	6	1522.8	1.7	1525.9	1521.2	6	0.3	0.6	-0.1	0.59	6	-0.05	0.01	-0.19
250.	6	1523.3	1.3	1525.7	1522.0	6	0.3	1.0	-0.6	0.47	6	-0.07	0.01	-0.30
300.	6	1523.5	1.3	1525.4	1521.7	6	0.1	0.5	-0.4	0.42	6	-0.12	-0.02	-0.27
400.	6	1523.7	1.9	1525.6	1520.1	5	0.0	0.4	-0.5	0.61	6	-0.15	-0.04	-0.29
500.	5	1522.3	2.6	1526.1	1519.1	6	-0.7	0.2	-2.4	0.81	5	-0.39	-0.12	-0.89
600.	4	1518.8	5.0	1525.8	1513.9	4	-1.3	0.2	-2.2	1.52	4	-0.53	-0.02	-0.80
700.	3	1515.5	7.0	1523.2	1509.5	3	-2.2	-1.3	-3.1	2.05	3	-0.79	-0.53	-1.02
800.	3	1509.4	8.3	1518.2	1501.8	3	-1.8	-0.9	-2.6	11.95	3	-0.63	-0.40	-0.85
900.	3	1504.2	9.7	1515.1	1496.5	3	-1.6	-0.9	-2.2	9.45	3	-0.54	-0.40	-0.72
1000.	3	1497.7	6.0	1504.3	1492.5	3	-1.4	-1.2	-1.7	7.65	3	-0.50	-0.44	-0.59
1100.	3	1494.6	4.5	1499.6	1491.1	3	-0.9	-0.3	-1.4	6.21	3	-0.36	-0.19	-0.50
1200.	3	1492.8	3.2	1496.4	1490.1	3	-0.2	-0.3	-0.8	5.46	3	-0.22	-0.13	-0.33
1300.	3	1492.3	2.1	1494.4	1490.3	3	0.2	0.1	-0.6	6.35	3	-0.17	-0.11	-0.27
1400.	3	1492.6	1.6	1494.2	1491.1	3	0.2	0.3	0.2	4.99	3	-0.06	-0.05	-0.03
1500.	3	1493.3	1.3	1494.7	1492.2	3	0.2	0.3	0.2	4.46	3	-0.07	-0.05	-0.03
1750.	3	1496.0	0.7	1496.7	1495.4	3	0.3	0.5	0.4	4.25	3	-0.02	-0.02	-0.03
2000.	2	1499.4	0.1	1499.5	1499.3	2	0.5	0.5	0.4	3.78	2	-0.02	-0.02	-0.02
2500.	2	1506.1	0.1	1506.2	1506.0	2	0.4	0.4	0.3	3.36	2	-0.02	-0.02	-0.02
3000.	2	1513.3	0.1	1513.3	1513.2	2	0.4	0.5	0.4	3.04	2	-0.02	-0.02	-0.02
4000.	1	1528.2	0.0	1528.2	1528.2	1	0.5	0.5	0.5	2.46	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 31 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1530.1	8.8	1538.5	1518.9	0	0.0	0.0	0.0	8	22.56	3.48	25.91	18.19	0	0.00	0.00	0.00
10.	9	1528.3	8.6	1537.7	1518.8	8	-2.2	0.8	-8.2	9	21.76	3.34	25.56	18.12	9	-1.26	0.15	-3.61
20.	9	1526.9	7.2	1534.5	1518.9	9	-3.7	3.0	-14.9	9	21.10	2.73	24.02	18.09	9	-1.96	-0.08	-6.77
30.	9	1525.2	5.6	1532.5	1519.1	9	-5.4	0.6	-13.1	9	20.33	2.07	23.12	18.10	9	-2.37	0.03	-5.43
50.	9	1523.0	3.2	1526.2	1519.3	9	-2.9	0.2	-10.2	9	19.38	1.16	20.51	18.05	9	-1.26	-0.10	-4.16
75.	9	1522.2	2.3	1524.6	1519.2	9	-1.0	0.1	-3.0	9	18.91	0.81	19.78	17.90	9	-0.46	-0.11	-0.91
100.	9	1521.8	1.8	1524.1	1518.7	9	-0.4	0.6	-1.6	9	18.65	0.61	19.46	17.92	9	-0.30	0.06	-0.77
125.	9	1521.8	1.3	1523.5	1520.2	9	-0.0	0.6	-0.7	9	18.50	0.47	19.09	17.95	9	-0.18	0.04	-0.45
150.	9	1521.9	1.0	1523.1	1520.6	9	0.2	1.5	-0.5	9	18.39	0.36	18.80	17.94	9	-0.11	0.05	-0.35
200.	9	1522.3	0.8	1523.3	1521.4	9	0.3	1.0	-0.3	9	18.25	0.26	19.58	17.93	9	-0.07	0.01	-0.23
250.	9	1523.0	0.8	1523.9	1522.1	9	0.4	0.5	0.3	9	18.22	0.26	18.52	17.91	9	-0.04	-0.01	-0.10
300.	9	1523.6	0.7	1524.6	1522.8	9	0.3	0.6	0.2	9	18.13	0.25	18.48	17.85	9	-0.05	-0.01	-0.15
400.	9	1524.3	0.8	1525.5	1522.8	8	0.2	0.5	-0.1	9	17.81	0.27	18.23	17.34	8	-0.11	-0.05	-0.18
500.	8	1523.9	1.5	1525.1	1520.6	8	-0.2	0.1	-0.7	8	17.16	0.49	17.54	16.14	8	-0.26	-0.13	-0.37
600.	6	1520.9	2.6	1523.2	1517.5	5	-0.9	-0.5	-1.5	6	15.73	0.78	16.46	14.71	5	-0.43	-0.33	-0.60
700.	6	1516.2	2.9	1519.1	1512.6	5	-1.6	-1.2	-2.0	6	13.86	0.83	14.70	12.82	5	-0.63	-0.50	-0.73
800.	6	1509.8	2.8	1512.5	1506.0	6	-2.4	-1.7	-4.6	6	11.60	0.77	12.34	10.57	6	-0.80	-0.61	-1.41
900.	6	1502.0	3.6	1505.7	1496.9	6	-2.4	-2.1	-3.8	6	9.05	0.97	10.04	7.68	6	-0.79	-0.69	-1.15
1000.	6	1495.9	3.5	1498.8	1490.2	5	-1.8	-1.6	-2.1	6	7.06	0.90	7.81	5.60	6	-0.50	-0.53	-0.68
1100.	6	1493.2	1.6	1494.9	1491.6	6	-0.4	0.4	-1.2	6	5.98	0.39	6.40	5.56	6	-0.23	-0.01	-0.44
1200.	6	1492.3	1.0	1493.6	1490.8	6	-0.3	-0.1	-0.7	6	5.34	0.25	5.65	4.98	6	-0.21	-0.12	-0.31
1300.	6	1492.2	0.6	1492.7	1491.4	6	-0.0	0.2	-0.3	6	4.90	0.14	5.04	4.71	6	-0.13	-0.08	-0.19
1400.	6	1492.5	0.3	1492.9	1492.0	6	0.2	0.3	0.1	6	4.59	0.08	4.67	4.47	6	-0.07	-0.05	-0.10
1500.	6	1493.4	0.3	1493.7	1493.0	6	0.3	0.3	0.3	6	4.40	0.07	4.47	4.31	6	-0.05	-0.05	-0.06
1750.	6	1496.2	0.2	1496.4	1495.7	4	0.3	0.4	0.3	6	4.04	0.06	4.10	3.95	4	-0.04	-0.04	-0.05
2000.	6	1499.3	0.2	1499.6	1499.0	6	0.4	0.4	0.4	6	3.80	0.06	3.87	3.71	6	-0.03	-0.02	-0.04
2500.	6	1506.1	0.3	1506.5	1505.7	5	0.4	0.4	0.4	6	3.39	0.07	3.48	3.29	5	-0.03	-0.02	-0.03
3000.	6	1513.1	0.2	1513.3	1512.6	5	0.4	0.4	0.4	6	3.00	0.07	3.07	2.90	6	-0.02	-0.02	-0.03
4000.	5	1528.1	0.2	1528.4	1527.8	5	0.5	0.5	0.5	5	2.45	0.05	2.51	2.38	5	-0.01	-0.01	-0.01
5000.	3	1545.3	0.1	1545.4	1545.2	3	0.5	0.5	0.5	3	2.30	0.02	2.32	2.28	3	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 35 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	8	1539.8	2.0	1541.5	1536.4	0	0.0	0.0	0.0	10	26.53	0.92	27.54	25.12	0	0.00	0.00	0.00		
10.	8	1539.6	2.1	1541.6	1536.6	8	-1.0	0.8	-8.1	10	26.39	0.94	27.52	25.14	10	-0.58	2.59	-3.96		
20.	8	1539.2	2.8	1541.7	1534.8	7	-1.2	1.8	-7.3	10	26.13	1.27	27.48	24.17	10	-0.91	1.52	-3.51		
30.	9	1536.7	3.4	1541.8	1532.6	8	-2.8	0.4	-6.7	10	25.72	1.61	27.47	23.16	10	-1.42	-0.04	-3.05		
50.	10	1536.8	4.7	1542.0	1529.1	10	-1.8	0.5	-3.7	10	24.95	2.11	27.41	21.63	10	-0.98	0.05	-1.83		
75.	10	1534.8	5.3	1541.0	1527.7	10	-2.8	0.2	-6.8	10	23.92	2.31	26.61	20.90	10	-1.40	-0.15	-3.21		
100.	10	1533.1	5.8	1540.1	1525.6	10	-1.5	-0.7	-2.5	10	23.01	2.43	26.04	20.05	10	-0.92	-0.61	-1.40		
125.	10	1530.9	6.1	1538.2	1520.1	10	-3.2	-1.1	-10.8	10	21.96	2.40	24.98	18.00	10	-1.51	-0.60	-3.73		
150.	10	1528.3	6.9	1535.6	1512.1	10	-3.4	-1.0	-9.8	10	20.81	2.48	23.65	15.30	10	-1.46	-0.50	-3.29		
200.	10	1525.2	6.2	1531.2	1509.0	10	-1.3	0.3	-2.9	10	19.32	2.04	21.54	14.13	10	-0.65	-0.05	-1.32		
250.	10	1523.9	5.8	1528.3	1508.0	10	-0.5	0.2	-1.4	10	18.58	1.85	20.17	13.60	10	-0.37	-0.09	-0.73		
300.	10	1522.9	6.4	1527.2	1505.1	10	-0.7	-0.2	-1.8	10	17.97	1.97	19.48	12.56	10	-0.37	-0.21	-0.63		
400.	10	1519.7	9.6	1524.9	1493.3	10	-1.3	-0.0	-6.3	10	16.48	2.76	18.03	8.96	10	-0.54	-0.13	-2.10		
500.	7	1518.6	6.8	1524.6	1507.9	7	-0.8	0.3	-2.1	7	15.57	2.02	17.39	12.49	7	-0.40	-0.08	-0.81		
600.	7	1513.7	9.5	1522.6	1499.1	7	-2.0	-0.7	-3.4	7	13.58	2.70	16.27	9.65	7	-0.72	-0.37	-1.13		
700.	6	1509.4	8.4	1518.2	1498.4	6	-2.4	-1.5	-3.5	6	11.97	2.34	14.43	8.97	6	-0.79	-0.59	-1.10		
800.	6	1502.3	9.0	1511.5	1490.3	6	-2.1	-1.4	-2.5	6	9.62	2.38	12.05	6.48	6	-0.68	-0.23	-0.79		
900.	6	1496.5	7.7	1504.3	1486.1	4	-1.6	-0.2	-2.5	6	7.66	1.96	9.66	5.06	6	-0.09	1.95	-0.73		
1000.	6	1492.1	5.5	1498.8	1485.4	6	-1.0	-0.2	-1.8	6	6.12	1.36	7.80	4.49	6	-0.36	-0.17	-0.60		
1100.	6	1489.8	3.8	1495.3	1485.8	6	-0.4	0.4	-1.1	6	5.16	0.92	6.49	4.47	6	-0.23	-0.02	-0.40		
1200.	6	1489.4	2.3	1492.9	1487.0	6	0.0	0.4	-0.7	6	4.63	0.56	5.48	4.07	6	-0.12	-0.03	-0.31		
1300.	6	1490.0	1.7	1492.6	1488.3	6	0.2	0.4	-0.1	6	4.39	0.41	5.02	3.99	6	-0.07	-0.02	-0.14		
1400.	6	1490.9	1.3	1492.8	1489.6	6	0.3	0.4	0.1	6	4.20	0.30	4.64	3.91	6	-0.06	-0.02	-0.12		
1500.	6	1491.9	0.9	1493.1	1491.0	6	0.3	0.4	0.1	6	4.04	0.21	4.32	3.84	6	-0.05	-0.02	-0.13		
1750.	6	1495.0	0.4	1495.3	1494.3	6	0.3	0.5	0.3	6	3.78	0.09	3.84	3.62	6	-0.03	-0.01	-0.06		
2000.	4	1498.5	0.7	1499.4	1497.7	3	0.5	0.5	0.4	4	3.61	0.16	3.79	3.41	4	-0.02	-0.01	-0.03		
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.30	0.00	3.30	3.30	1	-0.02	-0.02	-0.02		

SUMMARY FOR ONE DEGREE SQUARE 36 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	7	1537.2	6.3	1540.8	1523.4	0	0.0	0.0	0.0	12	25.51	1.98	27.05	19.95	0	0.00	0.00	0.00		
10.	7	1536.9	6.2	1540.9	1523.5	7	-1.0	0.3	-6.8	12	25.57	1.97	27.05	19.94	12	0.12	2.65	-3.25		
20.	7	1536.6	6.2	1541.0	1523.7	7	-0.8	0.6	-6.4	12	25.55	2.01	27.04	19.96	12	-0.01	1.55	-2.95		
30.	11	1537.1	5.3	1541.3	1523.5	11	-1.6	0.8	-6.1	12	25.36	2.09	27.01	19.84	12	-0.90	-0.11	-2.57		
50.	11	1535.8	5.8	1541.3	1523.8	10	-2.3	0.6	-5.6	12	24.66	2.30	26.96	19.80	12	-1.26	-0.36	-2.62		
75.	11	1532.6	7.4	1540.1	1518.7	10	-4.2	-1.5	-10.7	12	23.27	2.84	26.25	17.86	12	-1.85	-0.35	-3.95		
100.	11	1528.4	10.2	1538.1	1508.6	11	-5.5	-0.8	-12.3	12	21.62	3.62	25.18	14.53	12	-2.17	-0.60	-4.05		
125.	11	1523.9	11.7	1535.4	1503.2	11	-5.9	-2.0	-12.7	12	19.86	3.90	23.67	12.84	12	-2.28	-1.09	-5.29		
150.	11	1520.3	12.2	1532.3	1498.9	11	-4.1	-0.9	-9.8	12	18.44	3.89	22.26	11.52	12	-1.60	-0.54	-3.47		
200.	9	1518.0	12.8	1528.3	1494.1	9	-2.0	-0.5	-7.3	10	17.34	3.77	20.39	10.02	10	-0.83	-0.26	-2.35		
250.	7	1519.1	12.8	1523.5	1490.5	7	-1.5	-0.2	-3.1	8	17.36	3.50	19.44	8.87	8	-0.62	-0.34	-1.23		
300.	6	1521.5	5.1	1526.3	1512.6	6	-1.6	0.6	-6.6	7	17.54	1.46	19.07	14.75	7	-0.64	-0.12	-2.13		
400.	6	1515.3	11.0	1524.6	1498.3	6	-2.3	-0.5	-5.6	6	15.17	3.22	17.93	10.29	6	-0.83	-0.19	-1.78		
500.	1	1522.5	6.0	1522.5	1522.5	1	-0.3	-0.3	-0.3	1	16.75	0.00	16.75	16.75	1	-0.27	-0.27	-0.27		
600.	1	1513.8	0.0	1513.8	1513.8	1	-5.2	-5.2	-5.2	1	13.66	0.00	13.66	13.66	1	-1.66	-1.66	-1.66		
700.	1	1498.1	0.0	1498.1	1498.1	1	-4.5	-4.5	-4.5	1	8.91	0.00	8.91	8.91	1	-1.35	-1.35	-1.35		
800.	1	1488.5	0.0	1488.5	1488.5	1	-1.8	-1.8	-1.8	1	6.06	0.00	6.06	6.06	1	-0.57	-0.57	-0.57		
900.	1	1484.4	0.0	1484.4	1484.4	1	-1.2	-1.2	-1.2	1	4.65	0.00	4.65	4.65	1	-0.43	-0.43	-0.43		
1000.	1	1483.8	0.0	1483.8	1483.8	1	0.1	0.1	0.1	1	4.12	0.00	4.12	4.12	1	-0.09	-0.09	-0.09		
1100.	1	1484.5	0.0	1484.5	1484.5	1	0.2	0.2	0.2	1	3.89	0.00	3.89	3.89	1	-0.07	-0.07	-0.07		
1200.	1	1485.5	0.0	1485.5	1485.5	0	0.0	0.0	0.0	1	3.72	0.00	3.72	3.72	1	-0.05	-0.05	-0.05		
1300.	1	1486.8	0.0	1486.8	1486.8	1	0.4	0.4	0.4	1	3.63	0.00	3.63	3.63	1	-0.03	-0.03	-0.03		

SUMMARY FOR ONE DEGREE SQUARE 4C OF MARSDEN SQUARE 116 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1530.0	1.3	1532.4	1528.7	0	0.0	0.0	0.0	6	22.32	0.56	23.37	21.80	0	0.00	0.00	0.00
10.	6	1530.1	1.3	1532.4	1528.8	6	0.3	0.6	0.3	6	22.30	0.54	23.29	21.76	6	-0.07	0.03	-0.24
20.	6	1530.2	1.2	1532.4	1528.9	6	0.4	0.6	0.3	6	22.28	0.51	23.21	21.74	6	-0.06	0.03	-0.24
30.	6	1530.3	1.2	1532.4	1529.0	6	0.4	0.6	0.3	6	22.27	0.49	23.15	21.74	6	-0.03	0.06	-0.14
40.	6	1530.5	1.1	1532.5	1529.3	6	0.4	0.6	0.4	6	22.25	0.46	23.05	21.76	6	-0.04	0.03	-0.24
75.	6	1530.9	1.0	1532.7	1529.7	6	0.3	0.8	-0.3	6	22.21	0.43	22.97	21.74	6	-0.04	0.08	-0.27
100.	6	1530.8	1.1	1532.3	1529.5	6	-0.3	1.0	-1.7	6	22.00	0.44	22.62	21.48	6	-0.38	0.02	-1.57
125.	6	1530.0	2.0	1532.2	1526.8	6	-1.0	0.5	-3.7	6	21.50	0.77	22.41	20.31	6	-0.62	-0.01	-1.60
150.	6	1528.3	2.1	1531.0	1524.9	6	-2.2	-1.3	-3.0	6	20.70	0.78	21.70	19.41	6	-1.03	-0.69	-1.32
200.	6	1525.6	1.5	1528.3	1524.0	6	-1.1	-0.5	-1.7	6	19.38	0.55	20.34	18.81	6	-0.55	-0.37	-0.87
250.	6	1524.4	0.8	1525.5	1523.3	6	-0.2	0.4	-0.8	6	18.67	0.28	19.06	18.30	6	-0.27	-0.11	-0.36
300.	6	1524.2	0.7	1525.1	1523.2	6	0.1	0.6	-0.2	6	18.34	0.24	18.65	18.01	6	-0.16	-0.12	-0.25
400.	6	1524.5	0.3	1524.9	1524.0	5	0.2	0.5	0.1	6	17.88	0.14	18.03	17.71	5	-0.10	-0.05	-0.14
500.	6	1524.5	0.7	1525.3	1523.4	5	-0.1	0.2	-0.4	6	17.36	0.22	17.60	16.99	5	-0.14	-0.10	-0.26
600.	5	1522.9	1.0	1524.0	1521.3	5	-1.2	-0.8	-1.5	5	16.34	0.31	16.67	15.86	5	-0.47	-0.39	-0.58
700.	5	1518.8	1.4	1520.8	1517.0	5	-1.1	-1.0	-1.7	5	14.61	0.40	15.20	14.09	5	-0.51	-0.45	-0.63
800.	5	1513.2	1.2	1514.9	1511.6	5	-2.1	-1.5	-3.0	5	12.53	0.34	13.00	12.08	5	-0.72	-0.55	-0.91
900.	4	1506.8	1.9	1507.9	1504.0	4	-2.3	-1.9	-3.0	4	10.33	0.49	10.61	9.59	4	-0.67	-0.61	-0.76
1000.	3	1500.6	1.9	1501.8	1498.4	3	-1.8	-1.7	-1.9	3	8.26	0.49	8.57	7.70	3	-0.60	-0.58	-0.62
1100.	3	1496.3	2.4	1497.7	1493.6	3	-1.2	-1.1	-1.5	3	6.76	0.58	7.11	6.09	3	-0.44	-0.41	-0.42
1200.	3	1493.6	2.2	1495.0	1491.1	3	-0.7	-0.3	-0.9	3	5.67	0.53	6.00	5.06	3	-0.29	-0.21	-0.35
1300.	3	1492.6	1.5	1494.0	1491.1	3	-0.3	-0.3	-0.6	3	5.01	0.36	5.35	4.64	3	-0.20	-0.13	-0.28
1400.	3	1492.1	1.2	1493.5	1491.4	3	-0.0	0.1	-0.2	3	4.49	0.27	4.81	4.32	3	-0.12	-0.09	-0.16
1500.	3	1492.4	0.7	1493.4	1492.2	3	0.2	0.2	-0.0	3	4.21	0.15	4.38	4.11	3	-0.09	-0.06	-0.13
1750.	2	1495.1	0.6	1495.5	1494.7	2	0.3	0.3	0.3	2	3.80	0.13	3.89	3.70	2	-0.05	-0.05	-0.06
2000.	2	1498.6	0.4	1498.8	1498.3	1	0.5	0.5	0.5	2	3.62	0.08	3.67	3.56	2	-0.01	-0.01	-0.02
2500.	2	1506.1	0.2	1506.2	1505.9	2	0.5	0.5	0.4	2	3.37	0.06	3.41	3.33	2	-0.01	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 41 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	7	1527.3	5.4	1538.5	1518.0	0	0.0	0.0	0.0	7	21.41	3.34	25.97	17.89	0	0.00	0.00	0.00		
10.	7	1527.2	8.4	1538.6	1518.1	7	-0.0	1.0	-2.1	7	21.33	3.31	25.93	17.87	7	-0.24	0.10	-1.07		
20.	7	1527.1	8.1	1538.6	1518.3	7	-0.4	1.5	-4.0	7	21.17	3.19	25.89	17.87	7	-0.46	0.06	-1.98		
30.	7	1526.4	7.6	1538.5	1518.4	7	-2.2	0.4	-6.4	7	20.86	2.98	25.75	17.88	7	-1.09	0.34	-2.99		
50.	7	1524.8	6.2	1537.0	1518.8	7	-2.4	1.2	-10.5	7	20.66	2.39	24.93	17.87	7	-1.18	0.12	-4.51		
75.	7	1524.1	5.2	1535.0	1519.1	6	-0.5	0.4	-2.6	7	19.62	1.97	23.79	17.85	6	-0.34	-0.02	-1.15		
100.	7	1523.6	4.2	1532.4	1519.4	7	-0.5	0.4	-3.2	7	19.28	1.53	22.53	17.82	7	-0.41	-0.04	-1.54		
125.	7	1523.4	3.5	1530.8	1519.8	7	-0.2	0.6	-2.0	7	19.66	1.27	21.78	17.81	7	-0.27	-0.02	-0.91		
150.	7	1523.3	2.8	1529.2	1520.2	7	-0.1	0.6	-2.0	7	18.87	1.01	21.02	17.79	7	-0.22	0.34	-0.93		
200.	7	1523.2	1.5	1525.9	1521.0	7	-0.0	0.6	-2.0	7	18.54	0.51	19.49	17.79	7	-0.19	-0.34	-0.93		
250.	7	1523.6	1.1	1525.3	1521.7	7	0.2	0.5	-0.4	7	18.39	0.38	18.99	17.77	7	-0.09	-0.04	-0.37		
300.	7	1523.9	0.8	1525.0	1522.5	7	0.1	0.5	-0.2	7	18.21	0.28	18.60	17.76	7	-0.12	-0.01	-0.24		
400.	7	1524.0	1.0	1525.4	1522.4	7	0.0	0.4	-0.2	7	17.71	0.34	18.18	17.23	7	-0.15	-0.04	-0.23		
500.	7	1523.1	1.6	1525.8	1521.4	6	-0.4	-0.2	-0.7	7	16.93	0.52	17.77	16.41	7	-1.17	-0.21	-6.58		
600.	5	1521.1	3.0	1523.5	1516.2	5	-0.8	-0.4	-1.7	5	15.79	0.88	16.52	14.35	5	-0.41	-0.28	-0.66		
700.	5	1516.9	3.9	1520.1	1510.1	5	-1.3	-1.0	-1.9	5	14.67	1.13	14.97	12.13	5	-0.53	-0.45	-0.64		
800.	5	1511.3	4.7	1515.7	1503.6	5	-1.9	-1.4	-2.3	5	12.01	1.29	13.22	9.90	5	-0.67	-0.53	-0.78		
900.	5	1504.6	4.8	1509.7	1497.1	5	-2.1	-2.0	-2.3	5	9.76	1.25	11.07	7.79	5	-0.71	-0.64	-0.77		
1000.	5	1499.1	3.8	1503.1	1493.2	5	-1.7	-0.9	-2.0	5	7.88	0.95	8.67	6.39	5	-0.56	-0.35	-0.67		
1100.	5	1495.0	2.5	1498.0	1491.2	5	-1.2	-0.6	-1.6	5	6.42	0.62	7.13	5.48	5	-0.45	-0.28	-0.51		
1200.	5	1492.7	1.8	1495.3	1490.8	5	-0.5	-0.0	-1.1	5	5.44	0.44	6.05	4.97	5	-0.26	-0.14	-0.40		
1300.	5	1492.4	1.2	1494.0	1491.0	5	-0.1	0.1	-0.4	5	4.97	0.29	5.32	4.62	5	-0.14	-0.11	-0.22		
1400.	5	1492.7	0.7	1493.6	1491.9	5	0.1	0.3	-0.2	5	4.61	0.17	4.83	4.44	5	-0.10	-0.05	-0.17		
1500.	5	1493.3	0.7	1494.2	1492.7	5	0.2	0.3	0.2	5	4.37	0.16	4.58	4.24	5	-0.07	-0.05	-0.09		
1750.	5	1495.8	0.8	1496.7	1494.9	5	0.3	0.4	0.3	5	3.97	0.18	4.16	3.75	5	-0.04	-0.03	-0.06		
2000.	5	1499.0	0.6	1499.6	1498.4	4	0.4	0.4	0.4	5	3.72	0.13	3.86	3.58	4	-0.03	-0.02	-0.04		
2500.	4	1506.0	0.3	1506.5	1505.7	3	0.4	0.5	0.4	4	3.36	0.07	3.46	3.29	4	-0.02	-0.01	-0.03		
3000.	4	1512.8	0.3	1513.0	1512.5	4	0.4	0.4	0.4	4	2.93	0.05	2.99	2.87	4	-0.03	-0.02	-0.03		
4000.	2	1527.7	0.1	1527.8	1527.6	2	0.5	0.5	0.5	2	2.34	0.04	2.37	2.31	2	-0.01	-0.01	-0.01		

SUMMARY FOR ONE DEGREE SQUARE 42 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1522.2	6.2	1535.3	1518.2	0	0.0	0.0	0.0	8	19.48	2.40	24.50	17.96	0	0.00	0.00	0.00
10.	8	1522.0	5.7	1534.6	1518.3	8	-0.8	1.0	-5.8	8	19.31	2.20	24.22	17.94	8	-0.52	-0.06	-2.52
20.	8	1521.9	5.5	1534.5	1516.5	8	-0.4	0.6	-4.6	8	19.19	2.10	24.08	17.95	8	-0.36	0.03	-2.01
30.	8	1521.5	4.6	1532.2	1518.6	8	-2.4	0.6	-18.3	8	18.98	1.75	23.06	17.94	8	-1.21	0.03	-7.92
40.	8	1520.3	1.7	1523.2	1519.0	8	-0.4	1.0	-3.0	8	18.41	0.60	19.46	17.95	8	-0.30	0.20	-1.22
50.	8	1520.2	1.0	1522.2	1519.2	8	-0.4	0.5	-3.0	8	18.22	0.37	18.94	17.91	8	-0.21	-0.35	-0.61
100.	8	1520.3	0.8	1522.3	1519.7	8	0.3	0.6	0.1	8	18.11	0.31	18.83	17.90	8	-0.07	-0.31	-0.15
125.	8	1520.5	0.8	1522.5	1520.1	8	0.4	0.6	-0.1	8	18.07	0.28	18.76	17.91	8	-0.04	0.31	-0.41
150.	8	1520.8	0.8	1522.8	1520.0	8	0.3	1.0	-1.0	8	18.03	0.29	18.72	17.78	8	-0.06	0.05	-0.41
200.	8	1521.4	1.2	1523.2	1518.9	8	0.5	1.5	0.2	8	17.94	0.39	18.57	17.15	8	-0.02	0.03	-0.15
250.	8	1521.9	1.5	1523.2	1518.2	8	0.3	0.8	-0.4	8	17.83	0.48	18.28	16.70	8	-0.06	0.31	-0.27
300.	8	1522.2	2.4	1523.2	1516.2	8	0.0	0.5	-2.4	8	17.67	0.75	17.99	15.82	8	-0.16	0.31	-0.94
400.	8	1522.2	5.3	1524.8	1509.2	8	0.1	0.5	-1.3	8	17.17	1.59	17.96	13.28	8	-0.13	-0.00	-0.43
500.	8	1521.8	7.1	1526.2	1504.8	8	-0.3	0.5	-2.3	8	16.55	2.08	17.89	11.59	8	-0.22	-0.30	-0.69
600.	7	1519.0	7.9	1524.8	1499.9	7	-0.5	-0.2	-1.0	7	15.23	2.55	16.94	9.82	7	-0.31	-0.20	-0.51
700.	4	1510.8	10.1	1520.7	1496.7	4	-1.9	-1.6	-2.2	4	12.37	2.77	15.16	8.54	4	-0.67	-0.61	-0.76
800.	4	1504.6	9.4	1513.9	1491.6	4	-2.0	-1.6	-2.4	4	10.20	2.47	12.71	6.80	4	-0.53	-0.53	-0.82
900.	4	1499.0	7.5	1506.6	1488.7	4	-1.6	-0.3	-2.2	4	8.28	1.90	10.27	5.69	4	-0.55	-0.21	-0.74
1000.	4	1495.0	5.2	1500.7	1488.0	4	-1.2	-0.2	-1.7	4	6.84	1.30	8.28	5.11	4	-0.43	-0.18	-0.59
1100.	4	1492.8	3.4	1496.1	1488.0	4	-0.5	0.2	-1.4	4	5.87	0.84	6.68	4.70	4	-0.27	-0.38	-0.42
1200.	4	1491.7	2.1	1493.2	1488.7	4	-0.1	0.2	-0.4	4	5.18	0.49	5.54	4.47	4	-0.16	-0.37	-0.23
1300.	4	1491.7	1.5	1493.1	1489.6	4	0.0	0.3	-0.3	4	4.78	0.36	5.12	4.28	4	-0.12	-0.36	-0.20
1400.	4	1492.3	1.2	1493.3	1490.6	4	0.2	0.4	0.1	4	4.53	0.27	4.76	4.14	4	-0.07	-0.33	-0.11
1500.	4	1493.1	0.8	1493.6	1491.9	4	0.2	0.4	0.1	4	4.32	0.19	4.45	4.04	4	-0.03	-0.33	-0.09
1750.	4	1495.6	0.4	1496.1	1495.2	4	0.3	0.4	0.2	4	3.91	0.09	4.03	3.82	4	-0.04	-0.02	-0.06
2000.	4	1499.0	0.4	1499.4	1498.6	4	0.4	0.5	0.4	4	3.71	0.09	3.81	3.64	4	-0.02	-0.02	-0.03
2500.	3	1506.0	0.6	1506.5	1505.3	3	0.4	0.4	0.4	3	3.34	0.14	3.46	3.19	3	-0.03	-0.02	-0.03
3000.	3	1512.5	0.5	1512.9	1512.0	3	0.4	0.4	0.4	3	2.87	0.11	2.96	2.75	3	-0.03	-0.02	-0.03
4000.	3	1527.7	0.1	1527.8	1527.6	3	0.5	0.5	0.5	3	2.33	0.03	2.36	2.31	3	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 43 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1524.6	7.4	1535.2	1519.0	0	0.0	0.0	0.0	8	21.42	3.10	24.94	18.24	0	0.00	0.00	0.00
10.	6	1524.4	7.3	1534.9	1518.8	6	-1.1	1.5	-3.4	8	21.22	3.03	24.57	18.10	8	-0.78	-0.03	-1.37
20.	6	1524.2	7.1	1534.4	1518.8	6	-0.3	0.8	-1.5	8	21.03	2.89	24.15	18.05	8	-0.48	-0.08	-1.31
30.	6	1524.1	6.8	1533.9	1518.9	6	-0.8	0.6	-3.0	8	20.84	2.71	23.86	18.04	8	-0.70	-0.05	-1.63
40.	6	1523.6	6.3	1532.5	1519.3	6	-0.6	1.5	-3.0	8	20.38	2.39	23.14	18.04	8	-0.77	-0.17	-1.83
75.	6	1523.0	5.0	1529.9	1519.5	6	-0.7	0.5	-3.2	8	19.82	1.85	21.86	17.97	8	-0.69	-0.02	-1.56
100.	6	1522.6	4.0	1527.7	1519.6	6	-0.2	0.2	-1.5	8	19.39	1.46	20.84	17.89	8	-0.16	1.07	-0.82
125.	6	1522.5	3.4	1527.0	1520.0	6	-0.2	0.6	-1.3	8	19.14	1.24	20.37	17.88	8	-0.31	0.01	-0.72
150.	6	1522.5	2.8	1526.5	1520.3	6	0.2	1.2	-1.1	8	18.91	1.02	20.04	17.86	8	-0.26	0.06	-0.61
200.	6	1522.7	2.0	1525.4	1521.2	6	0.4	0.6	0.4	8	18.54	0.65	19.48	17.87	8	-0.16	0.02	-0.47
250.	6	1523.2	1.6	1525.5	1521.9	6	0.2	0.8	-0.2	8	18.33	0.47	19.07	17.84	8	-0.14	-0.04	-0.33
300.	6	1523.7	1.2	1525.4	1522.8	6	0.4	0.8	0.3	7	18.18	0.39	18.77	17.85	7	-0.05	0.01	-0.13
400.	6	1524.6	0.9	1525.9	1523.5	5	0.1	0.6	-0.4	7	17.93	0.28	18.39	17.55	7	-0.13	-0.00	-0.25
500.	6	1524.1	1.2	1525.3	1521.9	6	-0.1	0.4	-0.6	7	17.27	0.35	17.63	16.56	7	-0.20	-0.11	-0.50
600.	3	1523.0	2.0	1524.8	1520.4	5	-0.7	-0.3	-1.1	6	16.34	0.57	16.95	15.59	6	-0.37	-0.17	-0.43
700.	3	1521.2	1.8	1522.6	1519.2	3	-1.5	-1.0	-1.9	4	15.11	0.63	15.77	14.46	4	-0.60	-0.30	-0.74
800.	3	1515.3	2.5	1517.4	1512.5	2	-2.3	-2.0	-2.6	4	12.90	0.77	13.75	12.17	4	-0.69	-0.46	-0.85
900.	3	1508.7	3.2	1510.7	1505.0	3	-2.4	-2.3	-2.4	4	10.58	0.89	11.40	9.75	4	-0.7	-0.74	-0.81
1000.	3	1501.9	2.2	1503.6	1499.4	3	-2.3	-1.6	-3.4	4	8.38	0.68	9.06	7.64	4	-0.71	-0.55	-1.01
1100.	3	1496.8	1.5	1498.1	1495.2	3	-1.4	-1.3	-1.5	4	6.74	0.43	7.22	6.30	4	-0.48	-0.41	-0.53
1200.	3	1493.4	0.4	1493.7	1493.0	3	-0.7	-0.4	-1.6	4	5.55	0.17	5.69	5.33	4	-0.31	-0.14	-0.54
1300.	3	1492.8	0.1	1492.9	1492.7	3	0.0	0.2	-0.0	4	5.02	0.12	5.09	4.84	4	-0.12	-0.10	-0.15
1400.	3	1493.1	0.1	1493.1	1493.0	3	0.1	0.2	0.1	4	4.66	0.12	4.72	4.48	4	-0.11	-0.10	-0.12
1500.	3	1493.5	0.0	1493.5	1493.5	2	0.1	0.2	0.1	4	4.39	0.06	4.43	4.31	4	-0.08	-0.05	-0.09
1750.	3	1496.0	0.2	1496.2	1495.9	2	0.4	0.4	0.3	4	4.02	0.03	4.06	3.99	4	-0.04	-0.03	-0.05
2000.	2	1499.0	0.1	1499.0	1498.9	1	0.4	0.4	0.4	4	3.74	0.02	3.76	3.72	4	-0.02	-0.02	-0.04
2500.	1	1506.0	0.0	1506.0	1506.0	1	0.4	0.4	0.4	2	3.40	0.08	3.46	3.34	2	-0.03	-0.02	-0.04
3000.	1	1512.6	0.0	1512.6	1512.6	1	0.4	0.4	0.4	2	2.92	0.06	2.96	2.87	2	-0.03	-0.03	-0.04
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.33	0.00	2.33	2.33	1	-0.01	-0.01	-0.01

SUMMARY FOR ONE DEGREE SQUARE 44 OF MARSDEN SQUARE 115 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1536.4	2.7	1537.7	1531.6	0	0.0	0.0	0.0	9	24.79	1.07	25.75	22.99	0	0.00	0.00	0.00
10.	6	1534.7	3.0	1537.8	1531.3	6	-0.7	1.0	-3.0	9	24.62	1.21	25.79	22.83	9	-0.54	0.27	-2.35
20.	6	1534.5	3.4	1538.0	1531.0	6	-0.2	3.0	-5.0	9	24.44	1.39	25.88	22.65	9	-0.73	0.27	-2.13
30.	6	1533.9	4.1	1538.1	1528.8	6	-1.8	0.3	-6.7	9	24.10	1.65	25.97	21.69	9	-1.08	0.27	-2.93
50.	6	1532.5	5.0	1538.0	1525.5	6	-4.1	-1.5	-6.1	9	23.29	1.94	25.80	20.28	9	-1.75	-0.34	-2.44
75.	6	1530.1	3.4	1534.3	1525.1	6	-2.4	-0.5	-4.5	9	22.19	1.59	24.73	19.96	9	-1.18	-0.39	-2.15
100.	8	1529.3	3.4	1534.1	1524.6	8	-1.7	-0.6	-4.3	9	21.31	1.33	23.43	19.65	9	-0.93	-0.30	-1.69
125.	6	1527.8	3.0	1531.4	1524.1	7	-2.1	-0.5	-4.4	9	20.58	1.14	22.12	19.31	8	-1.02	-0.35	-1.67
150.	8	1526.2	2.7	1529.1	1522.1	7	-1.8	-0.4	-4.4	9	19.86	0.97	20.99	18.50	8	-0.79	-0.30	-1.71
200.	4	1524.1	4.2	1528.6	1514.7	7	-1.3	-0.4	-4.5	9	18.90	1.30	20.46	15.85	9	-0.55	-0.18	-1.60
250.	8	1522.5	6.1	1526.1	1507.5	8	-1.0	0.1	-4.6	9	18.14	1.78	19.30	13.48	9	-0.43	-0.13	-1.37
300.	7	1521.1	8.2	1525.0	1500.9	7	-0.7	0.1	-4.0	9	17.52	2.30	18.62	11.41	9	-0.30	-0.03	-1.15
400.	7	1523.3	1.4	1525.9	1521.8	6	-0.2	0.3	-1.0	8	17.58	0.43	18.35	17.08	8	-0.03	1.24	-0.41
500.	5	1520.7	3.5	1525.3	1516.9	3	-1.4	-0.5	-2.7	6	16.36	1.05	17.61	15.03	6	-0.44	-0.26	-0.95
600.	5	1515.9	7.1	1525.0	1508.1	4	-1.6	-1.6	-3.2	6	14.53	1.96	16.98	12.02	6	-0.64	-0.30	-1.07
700.	5	1509.1	9.5	1521.7	1498.1	4	-2.1	-1.0	-3.1	6	12.21	2.48	15.48	6.89	6	-0.78	-0.51	-1.03
800.	5	1501.7	10.7	1515.6	1488.9	5	-2.6	-1.8	-4.1	6	9.81	2.65	13.22	6.15	6	-0.80	-0.64	-1.12
900.	5	1495.8	6.7	1506.6	1485.7	5	-1.3	-1.0	-2.1	6	7.77	2.07	10.27	4.96	6	-0.53	-0.12	-0.71
1000.	5	1492.2	6.2	1500.8	1485.9	5	-1.2	-1.0	-2.8	6	6.32	1.43	8.34	4.61	6	-0.47	-0.11	-0.44
1100.	5	1490.3	3.8	1495.4	1486.6	5	-0.4	0.3	-0.8	6	5.33	0.84	6.54	4.38	6	-0.24	-0.06	-0.33
1200.	5	1499.9	2.5	1492.9	1497.4	5	0.1	0.4	-0.5	6	4.79	0.54	5.48	4.17	6	-0.12	-0.05	-0.25
1300.	5	1490.2	1.7	1492.3	1488.6	5	0.1	0.4	-0.3	6	4.46	0.35	4.90	4.06	6	-0.10	-0.03	-0.18
1400.	5	1491.0	1.3	1492.8	1489.8	5	0.3	0.4	0.2	6	4.23	0.27	4.62	3.95	6	-0.05	-0.03	-0.09
1500.	5	1492.1	1.1	1493.5	1491.1	5	0.3	0.5	0.1	6	4.09	0.21	4.38	3.85	6	-0.04	-0.01	-0.03
1750.	4	1495.2	0.6	1496.0	1494.7	4	0.4	0.4	0.3	6	3.81	0.12	3.96	3.69	6	-0.03	-0.02	-0.05
2000.	2	1498.6	0.1	1498.6	1498.5	1	0.4	0.4	0.4	3	3.57	0.09	3.64	3.47	3	-0.05	-0.02	-0.10
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.92	0.00	2.92	2.92	1	0.02	0.02	0.02

SUMMARY FOR ONE DEGREE SQUARE 44 OF MARSDEN SQUARE 116 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NU	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	9	1542.7	1.6	1545.0	1539.9	0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0.00
10.	9	1542.9	1.6	1545.1	1540.1	9	9	0.6	1.0	0.3	11	-0.01	0.15	-0.30	0.15	-0.30
20.	9	1543.0	1.5	1545.4	1541.1	9	9	0.1	3.0	-3.0	11	-0.24	0.67	-1.52	0.67	-1.52
30.	9	1542.2	2.3	1545.0	1537.7	9	9	-3.9	0.6	-23.2	12	-1.58	0.03	-11.59	0.03	-11.59
50.	9	1539.3	4.5	1543.4	1531.5	8	8	-3.6	0.6	-12.5	12	-2.40	0.05	-5.79	0.05	-5.79
75.	9	1535.6	6.9	1543.2	1521.6	9	9	-4.4	0.6	-12.1	12	-2.12	-0.31	-4.67	-0.31	-4.67
100.	9	1532.4	8.3	1540.3	1513.9	9	9	-3.9	-0.1	-9.4	12	-1.85	-0.24	-3.27	-0.24	-3.27
125.	9	1529.6	9.3	1539.1	1508.4	8	8	-3.7	-1.2	-6.7	12	-1.59	-0.62	-2.98	-0.62	-2.98
150.	9	1527.0	10.0	1536.5	1503.8	9	9	-3.4	-2.3	-5.6	12	-1.38	-0.61	-2.26	-0.61	-2.26
200.	9	1521.8	10.5	1531.8	1497.9	9	9	-2.5	-0.5	-6.1	12	-0.99	-0.30	-1.83	-0.30	-1.83
250.	9	1518.6	11.7	1530.0	1494.3	8	8	-2.1	-0.5	-6.1	11	-0.86	-0.37	-1.83	-0.37	-1.83
300.	9	1515.6	13.1	1527.7	1490.1	9	9	-1.7	0.4	-3.5	12	-0.65	-0.11	-1.11	-0.11	-1.11
400.	9	1509.9	16.0	1525.5	1481.3	6	6	-2.3	-0.1	-5.3	10	-0.67	-0.03	-1.53	-0.03	-1.53
500.	8	1503.8	18.8	1525.3	1478.0	6	6	-1.7	-0.5	-2.8	11	-0.50	-0.15	-0.87	-0.15	-0.87
600.	8	1499.6	16.8	1522.8	1479.1	8	8	-1.4	0.3	-2.5	11	-0.51	-0.05	-0.89	-0.05	-0.89
700.	7	1495.0	15.1	1517.2	1480.2	6	6	-0.9	0.3	-2.2	9	-0.44	-0.04	-0.77	-0.04	-0.77
800.	7	1492.1	11.7	1511.0	1481.3	7	7	-1.0	0.5	-3.2	10	-0.38	-0.02	-0.99	-0.02	-0.99
900.	7	1489.4	7.9	1503.9	1482.5	7	7	-0.8	0.4	-2.6	9	-0.27	-0.02	-0.80	-0.02	-0.80
1000.	8	1488.2	4.8	1498.1	1483.9	7	7	-0.1	0.4	-1.2	10	-0.12	-0.03	-0.42	-0.03	-0.42
1100.	8	1487.8	3.0	1493.8	1485.1	8	8	-0.1	0.4	-1.3	10	-0.13	-0.02	-0.46	-0.02	-0.46
1200.	8	1488.2	1.9	1491.8	1486.5	7	7	0.3	0.4	-0.1	10	-0.06	-0.01	-0.14	-0.01	-0.14
1300.	6	1489.4	1.5	1491.7	1488.0	6	6	0.3	0.5	-0.0	8	-0.05	-0.01	-0.13	-0.01	-0.13
1400.	6	1490.4	0.9	1491.9	1489.4	6	6	0.3	0.5	0.1	9	-0.03	0.01	-0.11	0.01	-0.11
1500.	6	1491.7	0.7	1492.7	1490.9	6	6	0.4	0.5	0.4	7	-0.02	-0.01	-0.03	-0.01	-0.03
1750.	6	1495.1	0.4	1495.9	1494.7	6	6	0.4	0.5	0.4	6	-0.02	-0.01	-0.03	-0.01	-0.03
2000.	6	1498.7	0.3	1499.2	1498.4	6	6	0.4	0.5	0.4	8	-0.02	-0.01	-0.03	-0.01	-0.03
2500.	4	1505.6	0.5	1506.2	1505.0	2	2	0.4	0.4	0.4	5	-0.03	-0.02	-0.04	-0.02	-0.04
3000.	3	1512.3	0.7	1513.0	1511.6	3	3	0.4	0.4	0.4	4	-0.03	-0.02	-0.04	-0.02	-0.04

SUMMARY FOR ONE DEGREE SQUARE 45 OF MARSDEN SQUARE 116 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1541.8	1.3	1543.3	1540.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1542.1	1.2	1543.5	1540.6	6	0.5	2.0	1.0	0.0	6	-0.05	0.07	-0.15
20.	6	1542.2	1.3	1543.7	1540.6	6	0.3	0.9	-0.8	0.0	6	-0.07	0.09	-0.30
30.	6	1542.0	1.2	1543.8	1540.5	6	-1.2	0.9	-4.6	0.0	6	-0.78	0.09	-2.32
50.	6	1540.0	2.5	1544.0	1536.7	6	-5.5	-3.0	-10.4	0.0	6	-2.83	-0.14	-4.94
75.	6	1536.0	5.5	1544.2	1529.8	6	-4.4	0.2	-10.9	0.0	6	-2.13	-0.15	-4.72
100.	6	1530.3	7.8	1542.6	1519.5	6	-6.2	-2.0	-13.0	0.0	6	-2.53	-1.22	-4.79
125.	6	1526.8	9.9	1541.8	1513.6	6	-3.7	-0.2	-9.8	0.0	6	-1.56	-0.40	-3.67
150.	6	1523.7	11.4	1539.8	1509.1	6	-4.5	-1.0	-7.9	0.0	6	-1.76	-0.54	-3.25
200.	6	1518.6	10.8	1528.2	1502.8	6	-2.3	-0.7	-7.4	0.0	6	-0.98	-0.12	-3.02
250.	6	1515.0	10.8	1524.4	1499.3	6	-2.2	0.2	-7.4	0.0	6	-0.83	-0.07	-2.58
300.	6	1510.7	12.6	1523.2	1496.1	5	-3.5	-0.9	-5.6	0.0	6	-1.01	-0.35	-1.93
400.	5	1506.7	12.6	1521.8	1490.8	4	-2.1	-0.6	-4.4	0.0	5	-0.63	-0.30	-1.43
500.	5	1499.6	12.1	1517.8	1484.2	3	-2.2	0.6	-5.0	0.0	4	-0.69	-0.60	-1.52
600.	3	1496.4	14.1	1512.6	1486.9	2	-2.4	-1.6	-3.2	0.0	3	-0.63	-0.30	-0.97
700.	3	1490.2	14.3	1506.7	1481.3	2	-1.9	-1.5	-2.2	0.0	3	-0.66	-0.50	-0.80
800.	1	1500.2	0.0	1500.2	1500.2	1	-2.0	-2.0	-2.0	0.0	1	-0.67	-0.67	-0.67
900.	1	1492.9	0.0	1492.9	1492.9	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 52 OF MARSDEN SQUARE 116 FOR MONTHS 4-6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1529.2	4.8	1535.2	1521.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1529.0	4.5	1534.9	1521.8	7	-0.8	0.6	-4.4	-4.4	8	-0.61	0.06	-2.60
20.	7	1528.9	4.2	1533.6	1522.0	7	-0.1	2.0	-4.0	-4.0	8	-0.40	0.31	-1.86
30.	7	1528.4	4.2	1533.0	1521.6	7	-3.0	-1.0	-7.9	-7.9	8	-1.30	-0.30	-3.35
50.	7	1526.6	4.5	1531.8	1519.0	6	-3.4	-2.0	-5.2	-5.2	8	-1.48	-0.91	-2.34
75.	7	1525.7	3.7	1529.5	1519.4	7	-1.0	0.5	-2.8	-2.8	8	-0.53	0.01	-1.39
100.	7	1524.9	3.1	1527.9	1519.8	7	-0.9	0.5	-3.0	-3.0	8	-0.43	-0.04	-0.91
125.	7	1524.1	2.4	1526.6	1520.2	7	-1.0	0.5	-3.0	-3.0	8	-0.50	-0.02	-1.24
150.	7	1523.8	2.0	1526.1	1520.5	7	-0.3	0.4	-1.5	-1.5	8	-0.28	-0.02	-0.73
200.	7	1523.4	1.3	1525.3	1521.3	6	0.0	0.5	-0.8	-0.8	8	-0.17	-0.09	-0.42
250.	7	1523.4	0.7	1524.3	1522.1	7	-0.0	0.5	-0.6	-0.6	8	-0.17	-0.04	-0.39
300.	7	1523.5	0.4	1523.9	1522.8	7	0.2	0.5	-0.1	-0.1	8	-0.10	-0.04	-0.21
400.	7	1523.8	1.0	1525.1	1522.3	7	0.1	0.5	-0.5	-0.5	8	-0.15	-0.00	-0.30
500.	7	1523.3	2.3	1526.3	1520.6	7	-0.3	0.3	-0.7	-0.7	8	-0.24	0.01	-0.37
600.	6	1521.2	3.9	1525.6	1516.1	6	-0.5	-0.2	-1.7	-1.7	8	-0.45	-0.23	-0.67
700.	5	1518.2	4.4	1522.3	1511.5	5	-1.2	-1.0	-1.8	-1.8	6	-0.55	-0.46	-0.66
800.	4	1511.6	4.8	1515.9	1505.0	4	-2.1	-1.3	-3.0	-3.0	5	-0.71	-0.51	-1.02
900.	4	1504.7	5.8	1509.0	1496.2	4	-2.3	-1.9	-2.7	-2.7	5	-0.75	-0.65	-0.83
1000.	4	1498.5	5.4	1502.4	1490.5	4	-1.9	-1.1	-2.0	-2.0	5	-0.63	-0.56	-0.76
1100.	4	1494.0	3.6	1497.2	1489.1	4	-1.1	-0.3	-1.6	-1.6	5	-0.38	-0.21	-0.55
1200.	4	1492.0	2.4	1494.2	1488.9	4	-0.6	0.1	-1.1	-1.1	5	-0.25	-0.08	-0.40
1300.	4	1491.5	1.6	1493.1	1489.6	4	-0.1	0.2	-0.3	-0.3	5	-0.10	-0.06	-0.13
1400.	4	1491.9	1.3	1493.1	1490.3	4	0.0	0.2	0.0	0.0	5	-0.06	-0.03	-0.08
1500.	4	1492.6	1.1	1493.7	1491.4	4	0.3	0.4	0.2	0.2	5	-0.06	-0.03	-0.08
1750.	4	1495.1	0.9	1496.0	1494.4	4	0.3	0.4	0.3	0.3	5	-0.04	-0.03	-0.05
2000.	4	1498.7	0.6	1499.2	1497.9	4	0.4	0.5	0.4	0.4	5	-0.02	-0.01	-0.02
2500.	3	1505.7	1.0	1506.4	1504.6	3	0.4	0.4	0.4	0.4	4	-0.02	-0.02	-0.03
3000.	3	1512.4	1.0	1513.0	1511.3	3	0.4	0.4	0.4	0.4	4	-0.03	-0.02	-0.03
4000.	1	1527.6	0.0	1527.6	1527.6	1	0.5	0.5	0.5	0.5	1	-0.00	-0.00	-0.00

SUMMARY FOR ONE DEGREE SQUARE 53 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1534.5	3.3	1537.9	1528.2	0	0.0	0.0	0.0	11	24.29	1.31	25.77	21.65	0	0.00	0.00	0.00
10.	8	1534.6	3.4	1538.1	1527.9	8	-0.0	1.0	-3.0	11	24.26	1.36	25.76	21.45	11	-0.07	0.17	-0.61
20.	8	1534.7	3.6	1538.3	1527.6	8	0.4	1.0	-0.9	11	24.23	1.40	25.75	21.26	11	-0.08	0.06	-0.58
30.	6	1534.5	3.6	1538.2	1527.5	8	-1.2	0.3	-4.6	11	24.06	1.39	25.72	21.14	11	-0.71	0.03	-1.98
50.	9	1532.9	3.5	1538.3	1527.1	9	-2.9	0.6	-5.4	11	23.26	1.35	25.59	20.88	11	-1.27	0.06	-2.78
75.	9	1530.0	3.4	1536.5	1525.1	9	-3.2	-1.5	-10.7	11	21.97	1.26	24.50	19.77	11	-1.49	-0.23	-4.29
100.	9	1527.8	4.2	1535.8	1520.3	9	-2.3	-0.2	-7.1	11	21.00	1.46	23.96	18.23	11	-1.00	-0.26	-2.59
125.	9	1526.0	4.9	1534.7	1515.7	9	-2.2	-0.1	-5.6	11	20.22	1.60	23.30	16.58	11	-1.01	-0.26	-2.01
150.	9	1524.8	5.1	1533.6	1514.0	9	-1.2	-0.1	-2.8	11	19.61	1.59	22.65	15.90	11	-0.63	-0.20	-1.26
200.	9	1522.1	4.6	1528.4	1511.7	9	-1.8	0.3	-3.3	11	18.48	1.43	20.39	14.94	11	-0.69	-0.06	-1.38
250.	9	1518.9	6.1	1524.5	1507.0	9	-2.2	0.2	-4.5	11	17.29	1.83	18.90	13.35	11	-0.74	-0.10	-1.49
300.	9	1516.0	7.7	1523.9	1503.8	9	-1.7	-0.1	-4.1	11	16.30	2.34	18.59	12.22	11	-0.59	-0.15	-1.37
400.	9	1510.0	11.9	1523.7	1494.5	9	-1.9	-0.1	-4.6	11	14.40	3.51	18.10	9.26	11	-0.59	-0.14	-1.38
500.	9	1503.8	12.9	1522.1	1486.9	9	-1.9	-0.6	-3.0	11	12.40	4.04	17.44	6.90	11	-0.61	-0.22	-0.92
600.	8	1495.5	12.3	1511.1	1482.9	8	-1.7	-0.7	-2.5	10	9.87	3.77	15.84	5.49	10	-0.64	-0.33	-1.19
700.	4	1489.1	9.9	1503.7	1482.3	4	-1.9	-0.8	-3.7	6	8.41	3.52	13.66	4.93	6	-0.69	-0.31	-1.07
800.	3	1487.0	7.6	1495.7	1482.2	3	-1.3	-0.0	-2.6	6	6.81	2.57	10.64	4.52	6	-0.59	-0.12	-1.07
900.	3	1484.7	2.3	1487.4	1483.3	3	-0.6	0.5	-2.5	5	5.57	1.40	7.77	4.37	5	-0.50	-0.01	-0.87
1000.	2	1484.1	0.5	1484.4	1483.7	2	0.1	0.3	-0.1	4	4.89	1.05	6.39	4.08	4	-0.22	-0.05	-0.42
1100.	2	1485.4	1.0	1486.1	1484.7	2	0.5	0.5	0.5	4	4.51	0.61	5.34	3.91	4	-0.08	-0.01	-0.32
1200.	2	1487.1	1.1	1487.8	1486.3	2	0.5	0.5	0.5	4	4.36	0.40	4.86	3.90	4	-0.05	-0.00	-0.12
1300.	1	1488.7	0.0	1488.7	1488.7	1	0.3	0.3	0.3	3	4.28	0.23	4.53	4.07	3	-0.07	-0.05	-0.10
1400.	1	1489.7	0.0	1489.7	1489.7	1	0.3	0.3	0.3	2	4.09	0.24	4.26	3.92	2	-0.06	-0.05	-0.03
1500.	1	1490.8	0.0	1490.8	1490.8	1	0.3	0.3	0.3	2	3.96	0.23	4.12	3.79	2	-0.04	-0.04	-0.04
1750.	1	1494.1	0.0	1494.1	1494.1	1	0.4	0.4	0.4	2	3.72	0.22	3.87	3.56	2	-0.02	-0.02	-0.03
2000.	1	1497.9	0.0	1497.9	1497.9	1	0.5	0.5	0.5	2	3.60	0.18	3.72	3.47	2	-0.01	-0.01	-0.02
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.31	0.00	3.31	3.31	1	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.77	0.00	2.77	2.77	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 53 OF MARSDEN SQUARE 116 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1539.3	6.8	1544.7	1530.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1539.7	6.4	1543.9	1529.4	6	0.7	6.1	-6.1	-6.1	12	-0.65	0.61	-4.11
20.	7	1538.8	7.8	1544.5	1527.1	7	-11.5	1.8	-71.6	-71.6	12	-3.26	0.49	-28.65
30.	7	1534.6	13.0	1544.0	1510.7	7	-16.5	-1.2	-52.1	-52.1	11	-4.81	0.39	-18.41
50.	7	1530.2	14.3	1541.0	1505.0	7	-7.8	-2.0	-16.3	-16.3	11	-2.67	-0.30	-5.38
75.	7	1524.8	16.6	1538.6	1494.8	7	-3.4	1.5	-7.1	-7.1	11	-1.59	0.15	-2.98
100.	7	1522.0	15.1	1535.5	1495.9	7	-3.5	1.3	-7.0	-7.0	11	-1.82	0.12	-3.35
125.	7	1519.4	13.7	1531.3	1497.0	7	-3.4	1.3	-6.5	-6.5	12	-1.79	0.12	-3.12
150.	7	1516.8	12.2	1526.7	1498.0	7	-2.2	1.2	-9.0	-9.0	12	-1.22	0.13	-3.16
200.	7	1514.2	12.2	1524.6	1497.8	7	-1.4	1.2	-6.2	-6.2	12	-0.52	0.30	-2.01
250.	7	1512.0	14.0	1524.1	1492.8	6	-1.4	0.5	-4.8	-4.8	11	-0.54	-0.15	-1.47
300.	7	1509.9	15.2	1524.1	1491.4	6	-1.4	0.2	-2.6	-2.6	11	-0.41	0.56	-1.02
400.	5	1502.7	19.3	1524.4	1486.4	5	-1.2	0.1	-3.0	-3.0	10	-0.53	-0.11	-1.71
500.	5	1499.2	21.0	1523.0	1480.7	4	-1.4	-0.5	-4.0	-4.0	8	-0.48	-0.16	-1.14
600.	5	1496.1	20.2	1519.5	1480.4	5	-0.7	0.4	-2.2	-2.2	9	-0.40	-0.01	-0.83
700.	5	1493.7	16.6	1514.4	1480.7	4	-1.2	0.1	-2.7	-2.7	10	-0.47	-0.09	-0.88
800.	5	1491.1	12.5	1507.8	1481.5	5	-0.7	0.4	-2.4	-2.4	9	-0.37	-0.04	-1.00
900.	5	1489.2	8.7	1501.5	1482.4	5	-0.5	0.3	-1.9	-1.9	8	-0.32	-0.05	-0.94
1000.	5	1488.1	5.8	1496.2	1483.6	5	-0.3	0.4	-1.6	-1.6	8	-0.20	-0.03	-0.54
1100.	5	1487.9	3.7	1493.3	1485.0	5	0.1	0.5	-0.5	-0.5	8	-0.09	-0.01	-0.26
1200.	4	1489.0	2.6	1492.1	1486.8	4	0.1	0.5	-0.4	-0.4	7	-0.07	0.08	-0.22
1300.	4	1489.6	1.6	1491.5	1488.2	4	0.2	0.5	-0.2	-0.2	7	-0.08	-0.02	-0.16
1400.	4	1490.6	1.4	1492.3	1489.3	2	0.3	0.4	0.2	0.2	6	-0.03	-0.03	-0.04
1500.	4	1491.9	1.2	1493.5	1490.8	4	0.4	0.4	0.4	0.4	6	-0.03	-0.01	-0.04
1750.	4	1495.0	0.7	1495.8	1494.4	4	0.4	0.4	0.2	0.2	7	-0.03	-0.01	-0.07
2000.	4	1498.1	0.6	1498.7	1497.6	4	0.5	0.6	0.4	0.4	7	-0.02	-0.01	-0.03
2500.	3	1505.3	0.5	1505.8	1504.8	3	0.4	0.5	0.3	0.3	6	-0.02	-0.01	-0.03
3000.	1	1511.2	0.0	1511.2	1511.2	1	0.3	0.3	0.3	0.3	2	-0.03	-0.03	-0.04

SUMMARY FOR ONE DEGREE SQUARE 54 OF MAKSEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1530.0	8.1	1539.1	1513.1	0	0	0.0	0.0	0.0	7	23.12	2.43	26.33	18.19	0	0.00	0.00
10.	7	1530.5	7.9	1539.2	1513.7	5	5	0.5	1.9	-1.0	7	22.91	2.53	26.33	17.86	5	-0.32	-1.01
20.	7	1530.3	7.2	1539.3	1515.9	7	7	-0.5	6.7	-5.2	7	22.64	2.64	26.32	17.55	7	-0.83	0.03
30.	8	1529.0	9.6	1539.4	1507.9	8	8	-7.8	-8.1	-24.4	8	22.15	3.44	26.27	14.96	8	-3.05	-0.17
50.	10	1527.2	9.3	1539.3	1510.1	10	10	-5.3	3.4	-9.1	10	21.30	3.45	26.06	15.30	10	-2.24	0.52
75.	10	1523.0	9.8	1537.5	1509.8	10	10	-4.6	-0.4	-8.0	10	19.57	3.45	24.93	15.04	10	-1.88	-0.32
100.	10	1519.9	9.9	1534.8	1509.0	10	10	-2.5	-0.4	-5.6	10	18.32	3.40	24.55	14.66	10	-1.06	-0.30
125.	10	1517.6	9.5	1533.2	1508.1	10	10	-2.8	-1.5	-5.4	10	17.38	3.17	22.70	14.25	10	-1.16	-0.30
150.	10	1514.5	8.5	1528.7	1506.6	10	10	-4.6	-1.5	-9.9	10	16.19	2.71	20.85	13.71	10	-1.71	-0.66
200.	10	1507.5	7.7	1525.7	1501.9	8	8	-3.8	-1.8	-6.1	10	13.80	2.37	19.44	12.14	10	-1.12	-0.37
250.	10	1501.6	7.0	1516.5	1495.9	10	10	-2.8	-1.5	-5.6	10	11.86	1.99	16.17	10.28	10	-1.01	-0.30
300.	10	1496.8	6.1	1509.2	1491.1	8	8	-3.0	-0.5	-6.6	10	10.32	1.66	13.74	8.81	10	-0.86	0.61
400.	10	1489.2	5.5	1502.5	1483.4	8	8	-1.7	-0.2	-3.3	10	7.91	1.44	11.39	6.42	9	-0.97	-0.15
500.	9	1485.3	5.4	1498.5	1480.4	5	5	-0.8	-0.1	-1.2	9	6.49	1.38	9.87	5.25	8	0.27	2.88
600.	8	1483.0	5.0	1494.5	1478.8	6	6	-0.6	0.9	-1.8	8	5.52	1.25	8.43	4.48	8	-0.13	0.91
700.	8	1482.8	4.7	1494.0	1479.6	4	4	0.3	0.8	-0.2	8	5.07	1.17	7.86	4.28	6	0.21	1.44
800.	7	1483.1	4.0	1491.9	1480.7	4	4	0.2	0.5	-0.6	7	4.73	0.97	6.89	4.14	4	-0.09	-0.02
900.	7	1483.2	1.3	1485.8	1482.1	4	4	-0.2	0.4	-1.9	7	4.36	0.30	4.99	4.09	4	-0.11	0.12
1000.	7	1484.1	0.9	1485.8	1483.2	7	7	0.3	0.4	0.2	7	4.18	0.22	4.58	3.98	7	-0.06	-0.12
1100.	6	1485.2	0.5	1486.2	1484.7	6	6	0.3	0.5	0.1	6	4.05	0.13	4.28	3.91	6	-0.04	-0.00
1200.	6	1486.5	0.4	1487.0	1485.9	6	6	0.4	0.6	0.2	6	3.95	0.10	4.09	3.79	6	-0.03	-0.02
1300.	4	1487.9	0.1	1488.1	1487.8	4	4	0.2	0.5	0.4	4	3.89	0.03	3.93	3.86	4	-0.01	-0.02
1400.	4	1489.4	0.2	1489.6	1489.2	3	3	0.4	0.5	0.4	4	3.83	0.04	3.88	3.80	4	-0.00	0.03
1500.	2	1490.9	0.2	1491.0	1490.7	3	3	0.5	0.5	0.4	4	3.78	0.04	3.82	3.75	4	-0.01	-0.02
1750.	2	1494.2	0.0	1494.2	1494.2	2	2	0.5	0.5	0.4	2	3.59	0.00	3.59	3.59	2	-0.01	-0.02
2000.	2	1497.9	0.7	1498.4	1497.4	1	1	0.5	0.5	0.5	2	3.47	0.18	3.59	3.34	1	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 60 OF MARSDEN SQUARE 116 FOR MONTHS 7-9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1540.9	0.8	1541.5	1539.6	0	0.0	0.0	0.0	0.0	7	27.36	28.12	26.61
10.	6	1541.1	0.8	1541.8	1539.8	6	0.5	1.0	-0.3	-0.3	7	27.32	27.86	26.61
20.	6	1541.2	0.9	1541.9	1540.0	6	0.4	0.6	-0.3	-0.3	7	27.25	27.56	26.61
30.	6	1541.3	1.1	1542.2	1539.7	6	0.2	1.8	-1.8	-1.8	7	27.16	27.66	26.38
40.	6	1541.0	2.0	1542.8	1537.7	6	-3.6	-3.0	-6.1	-6.1	7	26.81	27.73	25.31
75.	6	1537.7	2.9	1541.5	1534.4	6	-4.6	-4.0	-6.1	-6.1	7	25.10	26.82	23.64
100.	6	1533.2	3.1	1537.2	1529.5	6	-8.5	-5.1	-18.3	-18.3	7	23.08	24.64	21.51
125.	6	1528.2	2.8	1533.7	1526.1	6	-3.2	-1.4	-6.1	-6.1	7	21.16	22.91	20.05
150.	5	1526.6	2.6	1531.2	1523.6	6	-2.4	-0.9	-4.6	-4.6	7	20.24	21.76	19.01
200.	6	1524.8	1.8	1527.8	1522.8	6	-0.4	-0.9	-1.5	-1.5	7	19.19	20.17	18.44
250.	6	1524.4	1.0	1525.7	1523.1	6	-0.1	0.1	-0.5	-0.5	7	18.73	19.11	18.24
300.	6	1524.3	0.6	1525.1	1523.6	6	0.0	0.8	-0.5	-0.5	7	18.43	18.63	18.16
400.	6	1524.0	0.4	1525.3	1524.2	6	0.1	0.3	-0.4	-0.4	7	17.99	18.15	17.69
500.	6	1524.0	1.9	1525.9	1521.4	6	-0.3	0.4	-1.6	-1.6	7	17.10	17.81	16.32
600.	6	1520.9	4.5	1525.4	1514.4	6	-1.5	-0.5	-3.9	-3.9	7	15.53	17.11	13.80
700.	6	1514.6	7.0	1520.6	1502.4	5	-2.8	-1.9	-4.1	-4.1	7	13.19	15.17	10.05
800.	6	1506.9	8.6	1514.4	1491.8	6	-2.3	-1.5	-3.4	-3.4	7	10.64	12.87	6.88
900.	6	1500.6	7.6	1508.0	1487.9	6	-1.9	-1.0	-2.5	-2.5	7	8.56	10.64	5.50
1000.	6	1495.6	5.6	1501.2	1486.5	5	-1.5	-1.6	-2.1	-2.1	7	6.88	8.42	4.76
1100.	6	1492.5	3.6	1496.8	1487.6	5	-0.7	0.3	-1.5	-1.5	7	5.72	6.87	4.62
1200.	6	1491.1	2.3	1494.3	1488.4	5	-0.5	0.1	-0.9	-0.9	7	5.00	5.93	4.41
1300.	6	1490.8	1.2	1492.6	1489.2	6	-0.1	0.2	-0.5	-0.5	7	4.56	5.02	4.19
1400.	6	1491.3	0.9	1492.5	1490.1	5	0.2	0.3	0.2	0.2	7	4.29	4.59	4.02
1500.	6	1493.3	0.6	1493.3	1491.3	6	0.4	0.4	0.4	0.4	7	4.14	4.37	3.91
1750.	5	1495.6	0.3	1496.0	1495.2	1	0.4	0.4	0.4	0.4	6	3.91	4.01	3.82
2000.	5	1499.1	0.4	1499.4	1498.6	5	0.4	0.5	0.3	0.3	6	3.73	3.81	3.63
2500.	5	1506.1	0.6	1506.5	1505.1	5	0.4	0.4	0.4	0.4	6	3.57	4.52	3.15
3000.	2	1512.7	0.6	1513.1	1512.3	2	0.4	0.4	0.4	0.4	3	3.06	3.38	2.80

SUMMARY FOR ONE DEGREE SQUARE 63 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	7	1527.5	16.2	1539.7	1495.5	0	0.0	0.0	0.0	11	20.48	5.59	26.61	11.90	0	0.00	0.00	0.00
10-	8	1523.5	19.6	1539.9	1492.8	8	0.6	9.1	-2.0	11	20.88	5.68	26.61	11.39	11	0.55	19.71	-12.19
20-	8	1523.5	19.8	1539.5	1492.4	7	-1.1	8.8	-7.1	11	20.80	5.74	26.25	14.17	11	0.35	13.11	-3.76
30-	8	1521.9	19.1	1538.0	1492.1	8	-4.6	-0.9	-8.1	11	20.10	5.18	25.44	10.98	11	-3.35	8.50	-16.15
50-	9	1517.6	15.9	1534.9	1492.8	8	-8.0	8.7	-38.1	12	17.58	4.67	23.97	10.68	11	-2.77	1.93	-12.27
75-	9	1516.2	13.0	1532.6	1499.0	9	-1.2	12.6	-5.8	12	16.58	3.89	22.84	12.00	12	-1.13	3.03	-5.54
100-	9	1514.8	12.3	1530.6	1498.7	9	-1.6	3.7	-4.3	12	15.93	3.62	21.87	11.79	12	-0.64	0.91	-1.71
125-	9	1513.1	11.2	1528.7	1499.8	8	-2.2	2.8	-4.7	12	15.24	3.26	20.98	11.94	12	-0.84	0.57	-1.79
150-	9	1511.5	10.1	1526.9	1500.8	9	-1.9	2.1	-4.4	12	14.63	2.91	20.15	12.08	12	-0.73	0.49	-1.66
200-	9	1507.1	10.1	1523.5	1496.8	7	-3.2	0.3	-8.3	12	13.21	2.72	18.65	10.70	12	-0.98	-0.08	-2.57
250-	9	1503.4	11.8	1522.9	1492.2	8	-1.3	0.3	-3.7	12	11.94	3.07	18.18	9.21	12	-0.62	-0.03	-1.16
300-	8	1497.2	11.1	1523.2	1488.1	8	-2.6	0.4	-7.1	11	10.16	2.73	18.01	7.90	11	-0.77	-0.04	-2.06
400-	7	1491.7	14.5	1523.7	1481.7	6	-1.1	0.1	-2.2	9	8.41	3.54	17.62	5.99	8	-0.49	-0.14	-0.69
500-	6	1487.2	12.0	1511.0	1479.6	6	-1.5	-0.4	-4.1	8	6.75	2.73	13.31	5.10	8	-0.53	-0.23	-1.37
600-	6	1484.7	9.8	1504.5	1479.8	6	-0.6	0.2	-1.9	8	5.74	2.17	11.04	4.72	8	-0.26	-0.06	-0.68
700-	5	1484.3	7.3	1497.2	1480.4	5	0.2	0.3	-0.1	6	5.33	1.66	8.69	4.49	6	-0.08	-0.04	-0.15
800-	4	1485.0	6.7	1495.0	1481.2	4	-0.6	0.3	-2.6	5	5.06	1.47	7.67	4.27	5	-0.23	-0.05	-0.62
900-	4	1484.0	3.1	1488.5	1482.2	4	-0.3	0.4	-2.0	5	4.49	0.64	5.62	4.11	5	-0.16	-0.04	-0.62
1000-	4	1484.4	1.9	1487.2	1483.1	4	0.2	0.3	0.3	5	4.22	0.39	4.90	3.94	4	-0.07	-0.04	-0.13
1100-	4	1485.3	1.5	1487.4	1484.2	4	0.3	0.4	0.2	5	4.06	0.30	4.56	3.80	5	-0.05	-0.03	-0.08
1200-	4	1486.4	1.2	1488.1	1485.4	4	0.4	0.4	0.2	5	3.91	0.24	4.32	3.70	5	-0.05	-0.01	-0.11
1300-	4	1487.7	0.9	1489.0	1486.8	4	0.4	0.5	0.3	5	3.88	0.21	4.15	3.62	5	-0.01	0.07	-0.05
1400-	4	1489.0	0.8	1490.1	1488.2	4	0.4	0.4	0.4	4	3.76	0.20	4.02	3.55	4	-0.03	-0.02	-0.04
1500-	4	1490.4	0.8	1491.4	1489.5	4	0.4	0.4	0.4	4	3.58	0.18	3.92	3.48	4	-0.02	-0.01	-0.03
1750-	4	1494.1	0.6	1494.8	1493.4	4	0.4	0.5	0.4	4	3.56	0.14	3.73	3.40	4	-0.02	-0.01	-0.02
2000-	4	1497.7	0.5	1498.3	1497.1	3	0.5	0.5	0.5	4	3.42	0.12	3.56	3.27	4	-0.02	-0.02	-0.03
2500-	3	1504.4	0.8	1505.3	1504.0	3	0.4	0.4	0.4	3	2.99	0.18	3.20	2.88	3	-0.03	-0.02	-0.04
3000-	1	1511.0	0.0	1511.0	1511.0	1	0.4	0.4	0.4	1	2.51	0.00	2.51	2.51	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 64 OF MARSDEN SQUARE 116 FOR MONTHS 4-6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	12	1520.4	11.6	1533.0	1494.8	0	0.0	0.0	0.0	0.0	12	19.49	3.65	23.70	11.36
10.	12	1518.5	11.8	1534.5	1491.2	10	-2.3	0.9	-8.8	0.9	12	18.69	3.74	24.25	10.52
20.	12	1517.6	12.2	1533.9	1490.3	12	-2.9	0.6	-12.8	0.6	12	18.28	3.85	23.92	10.07
30.	12	1515.6	12.6	1532.9	1491.2	12	-8.1	5.6	-31.0	5.6	12	17.54	3.93	23.43	10.26
40.	12	1511.3	11.0	1528.8	1490.6	12	-5.0	12.2	-15.4	12.2	12	15.97	3.91	21.67	10.21
75.	12	1508.8	7.6	1520.7	1497.3	12	-3.0	10.0	-9.9	-9.9	12	14.85	2.26	18.54	11.55
100.	12	1505.6	4.8	1514.2	1499.1	12	-4.1	1.5	-6.1	-6.1	12	13.70	1.41	16.26	11.87
125.	12	1502.6	3.6	1509.4	1498.7	12	-3.6	0.9	-5.9	-5.9	12	12.71	1.02	14.67	11.58
150.	12	1499.9	3.0	1505.2	1494.9	11	-3.7	0.2	-5.1	-5.1	12	11.82	0.82	13.29	10.45
200.	13	1495.2	2.9	1499.0	1489.0	12	-2.1	-0.7	-3.2	-3.2	13	10.34	0.79	11.34	8.70
250.	13	1491.9	2.7	1494.9	1486.1	13	-2.0	-0.5	-3.4	-3.4	13	9.24	0.70	10.01	7.72
300.	13	1488.8	3.0	1492.9	1483.5	13	-2.0	-0.4	-2.8	-2.8	13	8.23	0.77	9.30	6.87
400.	13	1483.3	3.0	1488.3	1479.7	11	-1.3	0.4	-2.2	-2.2	13	6.41	0.76	7.67	5.51
500.	12	1480.4	2.2	1484.5	1478.6	12	-0.6	-0.1	-1.4	-1.4	12	5.29	0.52	6.29	4.86
600.	12	1479.8	1.2	1482.1	1478.6	10	0.0	0.3	-0.6	-0.6	12	4.74	0.27	5.28	4.47
700.	12	1480.1	0.5	1481.0	1479.6	11	0.2	0.4	0.0	0.0	12	4.41	0.11	4.62	4.31
800.	12	1481.1	0.4	1481.9	1480.6	10	0.3	0.6	0.2	0.2	12	4.25	0.09	4.43	4.14
900.	10	1482.0	0.3	1482.7	1481.7	7	0.3	0.5	0.2	0.2	10	4.08	0.07	4.24	4.00
1000.	9	1483.2	0.3	1483.5	1482.8	9	0.3	0.4	0.2	0.2	9	3.96	0.07	4.05	3.80
1100.	9	1484.5	0.3	1485.0	1484.0	8	0.5	0.6	0.4	0.4	9	3.88	0.08	3.99	3.76
1200.	9	1485.9	0.3	1486.3	1485.3	9	0.4	0.5	0.3	0.3	9	3.82	0.09	3.91	3.67
1300.	9	1487.3	0.3	1487.8	1486.6	7	0.4	0.5	0.4	0.4	9	3.76	0.09	3.87	3.60
1400.	8	1488.7	0.4	1489.2	1488.1	6	0.4	0.5	0.4	0.4	8	3.69	0.09	3.80	3.54
1500.	8	1490.2	0.4	1490.6	1489.5	8	0.4	0.5	0.4	0.4	8	3.64	0.10	3.74	3.49
1750.	4	1493.5	0.2	1493.8	1493.2	4	0.4	0.5	0.3	0.3	4	3.42	0.06	3.49	3.35
2000.	1	1497.4	0.0	1497.4	1497.4	1	0.5	0.5	0.5	0.5	1	3.35	0.00	3.35	3.35

SUMMARY FOR ONE DEGREE SQUARE 7C OF MARSDEN SQUARE 116 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1539.4	4.0	1545.6	1530.2	0	0.0	0.0	0.0	9	27.11	2.09	29.33	23.62	0	0.00	0.00	0.00
10.	7	1539.2	6.2	1545.0	1529.3	7	-0.9	0.6	-2.7	9	26.87	2.21	29.02	23.06	9	-0.73	-0.09	-1.95
20.	7	1539.0	6.4	1544.6	1528.3	7	-0.6	0.7	-3.0	9	26.49	2.31	28.75	22.49	9	-1.32	0.14	-3.20
30.	7	1538.3	8.9	1544.7	1527.2	7	-2.3	0.7	-11.3	9	25.78	2.69	28.75	21.93	9	-2.20	0.05	-6.71
50.	7	1533.5	12.5	1545.1	1513.1	7	-6.1	0.4	-34.0	9	23.56	4.53	28.76	16.59	9	-2.64	5.49	-13.03
75.	7	1527.7	16.4	1543.8	1505.7	7	-7.4	-3.0	-15.4	9	20.98	5.58	27.90	13.83	9	-3.23	-1.68	-4.61
100.	8	1520.5	18.2	1540.1	1499.1	7	-5.7	-3.0	-14.6	10	18.51	5.71	25.93	11.82	10	-1.75	0.67	-4.47
125.	8	1517.5	15.6	1537.5	1496.1	8	-3.7	2.8	-19.6	10	17.26	4.73	24.50	10.91	10	-1.47	0.69	-7.25
150.	8	1514.6	14.7	1535.1	1493.8	8	-4.1	0.6	-15.9	10	16.09	4.31	23.27	10.18	10	-1.59	-0.01	-5.99
200.	8	1511.0	15.3	1531.3	1488.8	6	-2.6	-2.8	-3.9	10	14.62	4.25	21.45	8.65	10	-0.97	-0.30	-1.73
250.	8	1507.0	16.1	1525.9	1485.2	8	-2.8	-0.4	-6.7	10	13.16	4.31	19.22	7.52	10	-0.98	-0.29	-2.03
300.	8	1503.0	16.9	1524.4	1482.4	7	-2.0	-0.1	-4.7	10	11.78	4.38	18.41	6.61	9	-0.71	-0.21	-1.41
400.	8	1498.4	18.3	1525.0	1479.2	6	-1.4	-0.5	-2.3	9	10.02	4.97	18.08	5.40	7	-0.53	-0.10	-0.75
500.	8	1494.4	18.2	1524.2	1477.9	6	-1.1	-0.4	-1.5	9	8.58	4.82	17.28	4.69	8	-0.58	-0.13	-2.34
600.	8	1490.6	16.5	1521.2	1478.9	7	-0.9	0.4	-3.0	9	7.26	4.23	15.83	4.52	8	-0.33	-0.02	-1.01
700.	7	1489.5	14.4	1515.6	1479.9	7	-0.4	1.0	-2.6	8	6.52	3.55	13.68	4.35	8	-0.25	-0.06	-0.67
800.	7	1488.0	11.2	1509.5	1470.9	7	-0.5	0.3	-2.2	8	5.79	2.70	11.52	4.18	8	-0.22	-0.04	-0.73
900.	7	1487.0	8.1	1503.2	1481.9	7	-0.3	0.3	-1.9	8	5.17	1.91	9.37	4.04	8	-0.19	-0.04	-0.66
1000.	7	1486.5	5.5	1498.1	1483.1	7	-0.1	0.4	-1.2	8	4.69	1.27	7.63	3.93	8	-0.12	-0.03	-0.44
1100.	7	1486.8	2.6	1494.6	1484.4	6	0.0	0.5	-1.1	8	4.37	0.82	6.32	3.85	8	-0.10	-0.01	-0.40
1200.	7	1487.5	2.2	1491.8	1485.7	7	0.1	0.6	-0.9	8	4.16	0.50	5.24	3.77	8	-0.09	-0.02	-0.33
1300.	7	1488.4	1.4	1490.7	1487.1	7	0.5	1.1	0.3	8	3.99	0.31	4.57	3.70	8	-0.01	0.11	-0.05
1400.	6	1486.7	1.3	1491.8	1488.5	6	0.4	0.4	0.3	7	3.89	0.29	4.41	3.63	7	-0.03	-0.01	-0.05
1500.	6	1491.0	1.1	1492.8	1489.9	6	0.4	0.5	0.3	7	3.60	0.25	4.26	3.56	7	-0.02	-0.01	-0.05
1750.	5	1494.6	0.8	1495.7	1493.8	4	0.4	0.5	0.4	6	3.65	0.19	3.95	3.46	6	-0.03	-0.01	-0.05
2000.	5	1499.1	0.8	1499.1	1497.3	5	0.4	0.5	0.4	6	3.48	0.17	3.74	3.33	6	-0.02	-0.02	-0.04
2500.	5	1504.5	0.9	1505.5	1503.7	5	0.4	0.5	0.4	4	2.99	0.17	3.23	2.82	4	-0.03	-0.02	-0.03
3000.	5	1511.4	0.7	1512.1	1510.7	2	0.4	0.4	0.4	4	2.59	0.15	2.78	2.44	3	-0.02	-0.01	-0.02
4000.	1	1527.3	0.0	1527.3	1527.3	1	0.5	0.5	0.5	1	2.24	0.00	2.24	2.24	1	0.00	0.00	0.00

SUMMARY FOR ONE DEGREE SQUARE 71 OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1529.6	11.8	1538.7	1504.0	0	0.0	0.0	0.0	11	23.47	3.94	27.61	14.45	11	0.00	0.00	0.00
10.	9	1527.7	13.8	1538.8	1500.7	9	-11.1	3.4	-77.7	11	22.74	4.53	27.62	13.33	11	-3.64	0.31	-24.99
20.	9	1525.8	17.0	1539.0	1493.9	9	-5.6	2.7	-29.5	11	22.02	5.35	27.43	11.30	11	-2.39	0.54	-4.41
30.	9	1523.4	19.8	1538.7	1495.2	9	-4.8	7.0	-18.3	11	20.95	5.90	26.51	11.48	11	-2.93	0.55	-11.43
40.	10	1518.6	19.2	1538.3	1496.2	10	4.8	46.7	-9.5	12	18.81	6.28	25.55	11.53	12	0.96	13.41	-3.76
75.	10	1517.5	16.6	1536.5	1499.2	9	-3.3	3.7	-11.2	12	18.14	5.42	24.63	12.09	12	-1.05	1.19	-3.35
100.	10	1513.8	14.9	1534.4	1499.0	9	-4.6	5.5	-39.3	12	16.65	4.79	23.36	11.97	11	-1.69	1.21	-12.64
125.	10	1510.7	15.3	1532.7	1493.8	10	-3.2	2.1	-16.2	12	15.38	4.42	22.50	10.61	12	-1.84	0.37	-10.67
150.	10	1510.0	13.7	1530.9	1497.8	9	-0.9	3.2	-5.5	12	14.53	3.97	21.64	11.37	12	-1.16	0.63	-6.91
200.	10	1506.9	12.9	1526.7	1493.0	10	-4.4	-0.3	-15.2	12	13.49	3.57	19.77	9.75	12	-1.40	-0.33	-5.73
250.	10	1501.0	11.9	1524.7	1489.2	10	-3.0	2.6	-9.1	12	11.58	3.16	18.63	8.52	12	-0.94	0.07	-2.74
300.	10	1497.7	13.2	1524.1	1485.7	10	-4.8	0.4	-24.4	12	10.39	3.46	18.32	7.43	12	-1.39	-0.34	-7.32
400.	10	1492.1	13.6	1520.8	1479.7	10	-1.4	0.4	-2.6	12	8.47	3.37	16.73	5.53	12	-0.47	-0.04	-0.83
500.	10	1498.4	12.2	1515.8	1479.4	9	-1.1	0.0	-3.6	12	7.11	3.03	14.77	4.93	11	-0.38	-0.10	-1.04
600.	8	1486.0	13.4	1504.6	1479.2	7	-0.6	0.0	-2.0	10	6.01	2.48	12.52	4.57	10	-0.33	-0.11	-1.74
700.	3	1489.8	10.0	1500.4	1480.6	3	-1.1	0.1	-2.8	5	5.89	2.20	9.52	4.29	4	-0.34	-0.07	-0.41
800.	2	1490.0	9.3	1493.0	1486.9	0	0.0	0.0	0.0	4	5.35	1.39	7.18	4.07	2	-0.04	-0.02	-0.07
900.	2	1487.0	1.3	1487.9	1486.0	2	-0.8	-1.6	-1.6	4	4.75	0.65	5.49	4.01	4	-0.17	-0.01	-0.52
1000.	2	1485.3	0.0	1485.9	1485.9	2	0.1	0.2	-0.0	4	4.32	0.33	4.61	3.96	4	-0.06	-0.01	-0.13
1100.	2	1486.3	0.2	1486.4	1486.1	2	0.1	0.2	0.1	4	4.12	0.23	4.33	3.83	4	-0.02	-0.02	-0.11
1200.	2	1487.1	0.5	1487.4	1486.7	2	0.3	0.4	0.2	4	3.96	0.18	4.17	3.73	4	-0.04	-0.02	-0.07
1300.	2	1488.3	0.6	1488.8	1487.7	2	0.4	0.4	0.3	4	3.84	0.18	4.09	3.66	4	-0.03	-0.02	-0.05
1400.	1	1490.1	0.0	1490.1	1490.1	1	0.4	0.4	0.4	2	3.93	0.28	4.22	3.63	2	-0.02	-0.01	-0.02
1500.	1	1491.5	0.0	1491.5	1491.5	1	0.4	0.4	0.4	2	3.77	0.25	3.95	3.59	2	-0.01	-0.01	-0.02
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.40	0.00	3.40	3.40	1	-0.01	-0.03	-0.04
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.20	0.00	3.20	3.20	1	-0.02	-0.02	-0.02
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.63	0.00	2.63	2.63	1	-0.02	-0.02	-0.02
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.26	1.00	2.36	2.36	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 71 OF MARSDEN SQUARE 116 FOR MONTHS 7-9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG.	S D	MIN	MAX	MIN	NO	AVG	MAX	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1537.8	6.8	1547.9	1533.9	0	0	0.0	0.0	2.69	30.44	24.78	4	0.00	0.00	0.00
10.	5	1537.3	5.1	1546.2	1533.9	4	-1.1	0.6	-5.2	1.95	24.50	24.78	4	-0.76	0.06	-2.07
20.	5	1536.8	4.7	1544.5	1532.2	4	-1.8	1.5	-5.2	1.74	28.60	24.13	5	-2.55	-0.12	-7.32
30.	5	1533.2	5.7	1542.8	1527.6	4	-16.4	-5.2	-36.0	5	25.69	21.87	5	-8.03	-0.15	-14.75
50.	5	1522.5	11.4	1539.6	1512.8	5	-14.4	-3.0	-27.0	5	19.91	16.38	5	-6.07	-2.44	-9.85
75.	5	1515.7	11.6	1536.2	1504.3	5	-7.3	-2.4	-16.1	5	17.31	13.64	5	-2.71	-1.01	-5.19
100.	5	1511.8	12.2	1533.2	1505.0	5	-4.6	0.9	-9.1	5	15.77	13.58	5	-1.77	-0.06	-3.35
125.	5	1509.2	12.4	1531.2	1502.2	5	-2.5	-1.2	-3.7	5	14.78	12.57	5	-0.96	-0.55	-1.23
150.	5	1507.1	12.5	1529.3	1499.4	5	-3.0	-0.7	-6.1	5	14.04	11.69	5	-1.03	-0.43	-1.52
200.	5	1501.1	14.1	1526.1	1491.9	5	-12.9	-1.5	-54.9	5	12.09	9.41	5	-3.64	-0.66	-15.07
250.	5	1498.6	14.1	1523.7	1491.0	5	-1.9	-1.5	-3.0	5	11.17	8.98	5	-0.75	-0.21	-0.87
300.	5	1496.4	15.1	1521.4	1487.0	5	-4.1	-2.9	-11.2	5	9.61	7.74	5	-1.20	-0.17	-3.05
400.	5	1488.3	16.3	1517.1	1477.8	3	-2.9	-1.3	-5.8	5	7.79	5.03	4	-0.74	-0.43	-1.57
500.	5	1484.2	17.1	1505.7	1476.4	3	-0.6	0.1	-1.6	5	6.29	4.32	4	-0.25	-0.10	-0.53
600.	4	1486.6	10.5	1500.3	1478.9	3	0.2	0.3	0.2	4	5.94	4.52	3	-0.08	-0.04	-0.12
700.	4	1483.3	6.8	1493.4	1479.1	4	-0.4	0.2	-2.1	4	5.20	4.18	4	-0.23	-0.06	-0.69
800.	4	1482.1	7.7	1485.9	1479.9	3	-0.6	0.3	-2.3	4	4.49	3.99	4	-0.21	-0.02	-0.70
900.	4	1482.6	1.3	1484.3	1481.3	4	0.3	0.4	0.2	4	4.20	3.93	4	-0.05	-0.02	-0.03
1000.	4	1483.6	0.9	1484.8	1482.8	3	0.5	0.8	0.2	4	4.05	3.88	4	-0.04	-0.04	-0.05
1100.	3	1484.5	0.2	1484.6	1484.3	3	0.4	0.5	0.4	3	3.86	3.89	3	-0.03	-0.02	-0.04
1200.	3	1485.8	0.1	1485.9	1485.7	3	0.4	0.4	0.4	3	3.78	3.82	3	-0.02	-0.02	-0.03
1300.	3	1487.2	0.1	1487.3	1487.1	3	0.4	0.4	0.4	3	3.71	3.75	3	-0.02	-0.02	-0.02
1400.	3	1488.6	0.2	1488.8	1488.4	3	0.4	0.5	0.4	3	3.65	3.69	3	-0.02	-0.02	-0.02
1500.	3	1490.0	0.2	1490.2	1489.9	3	0.4	0.5	0.4	3	3.59	3.65	3	-0.02	-0.02	-0.02
1750.	3	1493.5	0.2	1493.8	1493.4	3	0.4	0.4	0.4	3	3.42	3.48	3	-0.02	-0.02	-0.02
2000.	3	1497.0	0.2	1497.2	1496.9	3	0.4	0.5	0.4	3	3.26	3.30	3	-0.02	-0.02	-0.02
2500.	3	1504.0	0.2	1504.1	1503.8	3	0.4	0.4	0.4	3	2.68	2.91	3	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 8C OF MARGOEN SQUARE 115 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	14	1534.1	4.7	1541.1	1521.7	0	0.0	0.0	0.0	24	25.92	1.37	28.83	23.45	0	0.00	0.00	0.00
10.	14	1534.0	4.1	1541.5	1524.7	14	-0.2	9.1	-17.1	24	25.36	1.53	28.37	22.88	24	-1.16	8.53	-9.31
20.	15	1533.4	5.3	1541.7	1523.8	15	-5.4	8.5	-31.1	24	24.71	2.19	27.90	20.84	24	-3.81	0.91	-13.78
30.	15	1526.0	6.1	1541.5	1517.8	14	-26.0	-0.6	-54.0	24	21.74	2.32	27.44	18.10	24	-11.97	-1.40	-27.49
50.	15	1513.5	6.5	1532.9	1505.7	13	-8.8	15.2	-24.7	24	16.80	1.86	23.61	14.22	24	-4.62	3.96	-14.59
75.	15	1508.9	2.4	1513.1	1505.3	15	-3.7	6.5	-24.1	24	14.97	1.15	17.93	13.49	24	-1.87	1.52	-8.71
100.	14	1506.3	2.3	1509.3	1502.1	14	-3.0	-1.3	-5.6	24	14.19	1.26	17.79	12.70	24	-1.01	-0.70	-1.83
125.	14	1504.0	2.1	1508.0	1500.5	14	-2.8	-0.5	-5.2	24	13.46	1.42	17.72	12.13	24	-0.89	-0.39	-1.62
150.	14	1501.9	2.5	1506.8	1498.1	14	-2.4	-1.0	-6.1	24	12.76	1.62	17.65	11.32	24	-0.80	-0.61	-1.53
200.	13	1496.0	3.2	1503.9	1493.2	12	-2.3	0.1	-3.4	23	11.48	2.03	17.53	9.79	22	-0.75	-0.13	-1.40
250.	12	1494.0	3.6	1501.2	1489.0	12	-2.2	-1.2	-3.0	22	10.19	2.33	17.13	8.50	22	-0.75	-0.25	-1.03
300.	12	1490.4	3.7	1498.7	1486.0	12	-2.3	-1.3	-2.9	21	9.05	2.48	16.40	7.52	21	-0.74	-0.45	-1.07
400.	9	1484.1	1.8	1487.3	1482.0	7	-2.0	-0.9	-3.5	11	7.82	2.74	13.54	5.07	10	-0.70	-0.30	-1.18
500.	9	1480.8	1.2	1483.2	1479.5	8	-0.5	-0.4	-1.1	11	6.23	1.90	10.36	5.07	11	-0.37	-0.14	-1.00
600.	9	1480.2	0.8	1481.6	1479.3	9	0.0	0.2	-0.2	11	5.27	1.02	7.30	4.63	11	-0.24	-0.07	-0.93
700.	9	1480.5	0.6	1481.5	1479.8	9	0.1	0.2	-0.1	11	4.73	0.51	5.83	4.33	11	-0.15	-0.07	-0.52
800.	9	1481.2	0.6	1482.2	1480.4	9	0.3	0.6	0.1	10	4.36	0.28	5.06	4.09	10	-0.08	-0.02	-0.23
900.	9	1482.2	0.6	1483.2	1481.4	9	0.3	0.4	0.2	9	4.11	0.14	4.36	3.94	9	-0.05	-0.03	-0.08
1000.	6	1483.4	0.6	1484.2	1482.5	6	0.3	0.4	0.2	6	4.02	0.15	4.20	3.80	6	-0.04	-0.03	-0.06
1100.	5	1484.8	0.4	1485.3	1484.3	5	0.4	0.4	0.3	5	3.96	0.10	4.08	3.83	5	-0.03	-0.02	-0.04
1200.	4	1486.2	0.3	1486.6	1485.9	4	0.4	0.5	0.4	4	3.89	0.08	3.99	3.80	4	-0.03	-0.02	-0.04
1300.	4	1487.6	0.4	1488.1	1487.2	4	0.4	0.5	0.4	4	3.82	0.10	3.95	3.71	4	-0.02	-0.01	-0.03
1400.	3	1488.7	0.2	1488.9	1488.5	3	0.4	0.4	0.4	3	3.69	0.06	3.73	3.63	3	-0.02	-0.02	-0.03
1500.	3	1490.1	0.2	1490.3	1489.9	2	0.4	0.5	0.4	3	3.63	0.05	3.67	3.57	3	-0.08	-0.02	-0.21
1750.	3	1493.8	0.2	1494.0	1493.6	2	0.5	0.5	0.5	3	3.50	0.05	3.55	3.45	2	-0.01	-0.01	-0.01
2000.	2	1497.2	0.0	1497.2	1497.2	2	0.4	0.4	0.4	2	3.30	0.00	3.30	3.30	2	-0.02	-0.02	-0.02
2500.	1	1503.9	0.0	1503.9	1503.9	1	0.4	0.4	0.4	1	2.98	0.00	2.98	2.98	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 80 OF MARSDEN SQUARE 116 FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1525.4	6.9	1537.1	1514.4	0	0.0	0.0	0.0	10	21.20	2.60	25.41	17.41	0	0.00	0.00	0.00
10.	10	1525.0	7.0	1537.2	1514.6	10	-1.5	3.4	-25.4	10	20.93	2.61	25.42	17.41	10	-0.92	0.44	-9.75
20.	10	1524.4	7.7	1537.4	1513.7	10	-2.9	2.1	-21.6	10	20.63	2.80	25.43	17.01	10	-1.26	0.46	-7.71
30.	10	1521.8	7.3	1533.9	1508.4	10	-9.2	0.4	-44.8	10	19.66	2.50	23.89	15.21	10	-3.47	0.03	-16.72
50.	10	1515.6	7.4	1524.8	1504.9	10	-6.2	15.2	-32.6	10	17.35	2.35	20.24	13.97	10	-2.62	3.96	-11.58
75.	10	1509.8	4.6	1517.4	1502.4	10	-6.5	4.1	-21.1	10	15.19	1.38	17.58	13.12	10	-2.42	0.66	-6.99
100.	10	1506.3	2.3	1510.3	1502.3	10	-4.1	-0.1	-7.3	10	13.90	0.65	15.04	12.87	10	-1.41	-0.30	-2.54
125.	10	1503.9	1.5	1506.7	1501.5	10	-2.9	0.7	-5.7	10	13.08	0.42	13.84	12.40	10	-1.00	-0.04	-1.83
150.	10	1501.8	2.0	1505.4	1499.3	10	-2.5	0.5	-4.2	10	12.34	0.57	13.38	11.67	10	-0.85	-0.01	-1.31
200.	10	1497.0	3.3	1504.6	1493.7	9	-3.1	-2.0	-4.4	10	10.80	0.90	12.93	9.92	10	-1.12	-0.61	-3.10
250.	10	1492.8	3.6	1501.8	1488.8	10	-2.4	-1.7	-3.4	10	9.48	0.97	11.91	8.43	10	-0.78	-0.62	-1.03
300.	10	1489.1	3.1	1496.5	1485.4	10	-2.1	-1.3	-3.3	10	8.28	0.83	10.25	7.33	10	-0.70	-0.50	-1.02
400.	9	1482.8	2.2	1485.7	1479.8	9	-1.0	-0.5	-2.3	10	6.32	0.51	7.00	5.54	10	-0.45	-0.20	-0.71
500.	9	1480.1	1.1	1482.2	1478.4	9	-0.7	-0.2	-1.5	10	5.24	0.27	5.71	4.82	10	-0.28	-0.14	-0.41
600.	8	1479.3	0.4	1479.9	1478.6	8	-0.0	0.3	-0.7	9	4.63	0.12	4.77	4.46	9	-0.12	-0.06	-0.29
700.	8	1479.8	0.3	1480.2	1479.3	8	0.2	0.3	0.0	9	4.35	0.08	4.44	4.23	9	-0.07	-0.05	-0.11
800.	8	1480.8	0.4	1481.3	1480.0	8	0.2	0.3	0.2	9	4.17	0.09	4.30	3.99	9	-0.05	-0.03	-0.08
900.	8	1481.8	0.2	1482.1	1481.3	8	0.3	0.4	0.2	9	4.03	0.06	4.10	3.90	9	-0.04	-0.03	-0.06
1000.	8	1483.0	0.2	1483.3	1482.6	8	0.4	0.4	0.3	9	3.91	0.05	3.98	3.81	9	-0.03	-0.02	-0.04
1100.	8	1484.3	0.1	1484.5	1483.9	8	0.4	0.4	0.4	9	3.81	0.04	3.87	3.73	9	-0.03	-0.02	-0.04
1200.	7	1485.6	0.1	1485.8	1485.3	7	0.4	0.6	0.4	8	3.73	0.04	3.77	3.66	8	-0.02	-0.02	-0.03
1300.	7	1486.9	0.1	1487.0	1486.7	7	0.4	0.4	0.4	8	3.65	0.03	3.68	3.60	8	-0.02	-0.02	-0.03
1400.	7	1488.2	0.0	1488.4	1488.1	7	0.4	0.4	0.4	8	3.58	0.03	3.61	3.54	8	-0.02	-0.02	-0.02
1500.	7	1489.7	0.0	1489.8	1489.5	7	0.4	0.5	0.3	8	3.52	0.03	3.55	3.48	8	-0.01	-0.01	-0.02
1750.	7	1493.4	0.0	1493.7	1493.2	7	0.5	0.5	0.4	8	3.39	0.04	3.46	3.34	8	-0.01	-0.01	-0.02
2000.	5	1497.1	0.2	1497.4	1496.8	5	0.4	0.5	0.4	5	3.26	0.06	3.34	3.18	5	-0.01	-0.02	-0.02
2500.	1	1504.5	0.0	1504.5	1504.5	1	0.4	0.4	0.4	1	3.00	0.00	3.00	3.00	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 116 FOR MONTHS 1- 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1502.5	9.9	1517.1	1486.1	0	0.0	0.0	0.0	1	12.51	2.82	17.60	8.83	0	0.00	0.00	0.00
10.	7	1502.7	9.9	1517.3	1486.3	6	0.9	2.7	0.6	12	12.98	3.05	17.74	9.11	12	0.12	0.85	-0.23
20.	9	1499.0	12.2	1517.5	1477.8	7	4.9	15.2	0.6	13	12.58	3.31	17.73	6.98	12	0.69	3.66	-0.03
30.	10	1499.0	13.8	1517.7	1482.6	9	4.0	14.6	0.5	13	12.80	3.08	17.73	8.05	13	0.61	3.41	-0.61
50.	10	1501.7	9.0	1518.1	1490.6	9	5.8	17.1	0.5	13	13.42	2.53	17.73	10.22	12	1.48	6.17	-0.53
75.	10	1504.9	6.4	1518.6	1496.5	10	3.3	13.6	-6.1	13	14.07	1.95	17.76	11.31	13	0.53	3.31	-2.18
100.	10	1505.3	5.7	1519.2	1498.8	10	-0.9	2.3	-9.0	14	14.16	2.06	17.75	11.80	13	-0.71	0.33	-4.27
125.	10	1504.1	7.0	1519.6	1495.5	9	-2.3	1.8	-7.6	14	13.69	2.44	17.76	10.74	14	-0.66	0.30	-2.20
150.	10	1502.1	8.5	1520.0	1490.8	10	-2.5	1.0	-6.8	14	13.14	2.85	17.75	9.39	14	-0.63	0.12	-2.13
200.	7	1500.8	12.6	1520.7	1487.4	6	-1.4	0.7	-3.0	11	12.78	3.76	17.76	8.27	11	-0.52	0.06	-1.75
250.	7	1498.8	14.0	1520.5	1484.5	6	-1.7	-0.4	-2.2	10	11.43	3.76	17.44	7.33	10	-0.65	-0.25	-1.10
300.	8	1498.0	14.2	1516.0	1482.1	7	-2.0	-1.2	-3.3	11	10.72	3.72	15.74	5.52	11	-0.76	-0.43	-1.22
400.	8	1491.2	11.5	1506.4	1479.1	8	-2.5	-0.9	-6.1	11	8.36	2.91	12.48	5.37	11	-0.77	-0.27	-1.83
500.	8	1485.6	7.2	1496.4	1478.4	8	-1.6	0.0	-3.4	11	6.51	1.78	9.33	4.80	11	-0.44	-0.10	-1.07
600.	7	1483.0	3.8	1487.9	1476.6	7	-0.5	0.1	-1.0	9	5.62	0.96	6.93	4.45	9	-0.27	-0.09	-0.54
700.	7	1482.0	2.3	1484.8	1479.2	7	-0.3	0.2	-0.9	9	4.93	0.55	5.61	4.20	9	-0.21	-0.08	-0.40
800.	7	1481.9	1.2	1483.1	1480.2	7	0.1	0.5	-0.3	8	4.51	0.32	4.94	4.05	8	-0.09	-0.03	-0.16
900.	7	1482.5	0.8	1483.4	1481.3	7	0.3	0.4	0.1	8	4.25	0.22	4.60	3.92	8	-0.07	-0.03	-0.11
1000.	7	1483.5	0.6	1484.3	1482.5	7	0.4	0.4	0.2	8	4.07	0.17	4.32	3.81	8	-0.04	-0.02	-0.06
1100.	7	1484.7	0.6	1485.5	1483.8	7	0.4	0.4	0.4	8	3.96	0.15	4.16	3.72	8	-0.03	-0.03	-0.05
1200.	7	1486.0	0.5	1486.7	1485.2	6	0.4	0.4	0.3	8	3.86	0.13	4.02	3.65	7	-0.03	-0.02	-0.04
1300.	6	1487.3	0.5	1487.9	1486.6	6	0.4	0.5	0.3	7	3.77	0.12	3.89	3.59	7	-0.03	-0.02	-0.04
1400.	6	1488.7	0.5	1489.2	1488.0	6	0.4	0.4	0.4	7	3.69	0.10	3.79	3.53	7	-0.03	-0.02	-0.04
1500.	6	1490.1	0.4	1490.5	1489.5	6	0.4	0.5	0.4	7	3.62	0.09	3.71	3.47	7	-0.02	-0.01	-0.05
1750.	4	1493.7	0.4	1494.0	1493.0	4	0.4	0.5	0.4	5	3.47	0.09	3.55	3.31	5	-0.02	-0.01	-0.05
2000.	3	1497.3	0.6	1497.7	1496.6	2	0.5	0.5	0.5	3	3.33	0.15	3.42	3.15	2	-0.01	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 9C OF MARSDEN SQUARE 116 FOR MONTHS 4- 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	22	1503.5	13.4	1519.9	1475.3	0	0.0	0.0	0.0	32	14.54	3.74	20.56	6.72	0	0.00	0.00	0.00
10.	22	1503.2	13.2	1520.1	1475.5	22	-1.1	18.3	-15.6	33	14.34	3.69	20.56	6.72	33	-0.66	4.27	-5.46
20.	22	1501.8	13.7	1520.3	1476.6	22	-10.4	32.6	*33.1	33	13.92	3.85	20.56	6.84	33	-2.43	8.58	-37.39
30.	22	1498.6	13.5	1520.6	1472.9	22	-6.8	20.7	-30.1	33	13.06	3.61	18.37	6.06	33	-2.22	4.59	-14.62
50.	23	1496.6	11.0	1519.2	1472.0	23	-0.3	16.2	-11.4	33	12.55	2.94	18.22	5.67	33	-0.68	3.69	-5.50
75.	23	1498.1	8.0	1511.8	1479.3	22	2.1	19.5	-9.0	33	12.43	1.99	15.73	7.20	32	-0.06	4.57	-3.74
100.	25	1500.0	5.4	1511.9	1487.7	25	2.3	11.2	-8.8	35	12.53	1.40	15.43	9.06	35	0.29	2.14	-2.59
125.	25	1500.8	4.8	1512.3	1491.9	25	1.1	5.2	-6.5	35	12.58	1.29	15.44	9.95	35	0.07	1.13	-1.69
150.	25	1500.6	5.2	1512.7	1490.4	24	-1.3	1.6	-7.4	35	12.40	1.40	15.43	9.34	34	-0.44	0.27	-2.15
200.	23	1497.1	7.1	1513.5	1485.4	23	-2.8	0.5	-7.9	31	11.44	2.03	15.43	7.80	30	-0.83	0.05	-2.23
250.	23	1493.4	7.8	1514.4	1483.6	22	-2.1	3.0	-3.9	31	10.21	2.21	15.45	7.12	30	-0.69	0.69	-1.41
300.	21	1490.8	8.5	1515.2	1483.4	19	-2.2	0.5	-3.4	28	9.16	2.24	15.45	6.85	28	-0.83	-0.47	-3.03
400.	19	1485.3	8.3	1512.4	1478.5	19	-1.5	-0.3	-3.9	26	7.23	2.01	14.17	5.24	26	-0.55	-0.15	-1.16
500.	18	1482.0	5.4	1506.4	1478.5	18	-0.8	0.1	-4.2	25	5.87	1.25	10.39	4.85	25	-0.35	-0.10	-1.24
600.	16	1480.8	2.9	1489.8	1478.4	15	-0.3	0.3	-3.0	23	5.10	0.66	7.18	4.41	22	-0.22	-0.36	-0.91
700.	15	1480.7	1.3	1483.7	1479.5	15	-0.1	0.2	-1.9	22	4.60	0.30	5.30	4.29	22	-0.14	-0.36	-0.57
800.	14	1481.2	0.9	1483.4	1480.5	13	0.2	0.5	-0.1	20	4.34	0.22	4.84	4.11	20	-0.09	-0.02	-0.43
900.	14	1482.1	0.5	1483.7	1481.6	13	0.3	0.5	0.1	20	4.16	0.17	4.66	4.00	19	-0.05	-0.02	-0.12
1000.	11	1483.3	0.5	1484.4	1482.8	11	0.4	0.5	0.2	16	4.05	0.16	4.49	3.88	16	-0.03	-0.32	-0.63
1100.	11	1484.6	0.4	1485.6	1484.1	11	0.4	0.5	0.3	16	3.95	0.14	4.34	3.79	16	-0.03	-0.31	-0.65
1200.	10	1485.9	0.3	1486.7	1485.5	9	0.4	0.4	0.3	15	3.85	0.12	4.20	3.71	15	-0.03	-0.32	-0.65
1300.	10	1487.2	0.3	1487.9	1486.8	10	0.4	0.4	0.4	15	3.76	0.11	4.09	3.64	15	-0.03	-0.32	-0.64
1400.	10	1488.6	0.2	1489.2	1488.2	9	0.4	0.5	0.4	14	3.67	0.06	3.80	3.57	13	-0.02	-0.32	-0.63
1500.	10	1490.0	0.2	1490.5	1489.7	10	0.4	0.5	0.4	14	3.61	0.06	3.72	3.52	14	-0.02	-0.30	-0.63
1750.	9	1493.6	0.0	1493.9	1493.4	9	0.4	0.5	0.4	13	3.47	0.07	3.65	3.39	13	-0.02	-0.31	-0.62
2000.	4	1497.3	0.2	1497.4	1497.0	4	0.5	0.5	0.4	9	3.34	0.05	3.44	3.24	9	-0.02	-0.31	-0.64
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.94	0.00	2.94	2.94	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 116 FOR MONTHS 7- 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	43	1529.3	5.4	1538.3	1517.5	0	0.0	0.0	0.0	58	23.00	1.99	26.46	18.47	3	0.00	0.00	0.00
10.	43	1527.9	6.1	1538.8	1514.5	42	-4.9	12.8	-45.7	60	22.12	2.29	26.43	17.39	60	-3.13	5.42	-17.03
20.	43	1523.8	8.4	1537.6	1500.9	43	-17.7	4.3	-94.5	60	20.28	3.31	25.57	11.93	60	-6.98	2.50	-32.22
30.	44	1516.9	10.8	1532.8	1489.0	43	-20.8	3.0	-71.6	60	17.90	3.63	23.98	10.11	60	-7.43	3.08	-22.71
40.	45	1507.1	9.7	1525.0	1482.0	44	-7.3	18.3	-59.7	41	14.58	2.97	20.21	8.09	60	-2.96	4.40	-20.79
75.	45	1505.0	6.4	1520.2	1491.7	45	-1.6	16.8	-11.7	41	13.58	1.94	18.28	8.86	61	-0.99	4.04	-11.86
100.	45	1503.9	5.2	1519.4	1492.4	45	-1.0	3.3	-6.9	41	13.16	1.67	17.83	8.48	61	-0.37	8.92	-4.27
125.	45	1503.3	5.0	1519.6	1492.6	45	-0.7	2.8	-6.0	41	12.84	1.70	17.75	8.19	61	-0.39	0.54	-2.71
150.	45	1502.4	5.1	1519.9	1491.9	45	-1.6	0.6	-6.1	41	12.45	1.61	17.70	8.06	61	-0.61	1.48	-2.16
200.	41	1499.1	6.0	1520.0	1469.5	40	-2.6	1.5	-6.1	56	11.25	1.80	17.49	6.90	56	-0.85	0.24	-1.74
250.	39	1494.9	6.6	1518.8	1485.1	38	-2.6	-1.0	-4.3	54	9.91	1.81	16.85	7.41	54	-0.80	-0.38	-1.37
300.	38	1491.0	6.5	1515.8	1481.8	38	-2.4	-0.4	-3.7	53	8.70	1.72	15.67	6.46	53	-0.76	-0.21	-1.20
400.	36	1485.0	5.4	1505.2	1478.7	35	-1.6	0.1	-3.9	47	6.66	1.35	12.14	5.03	46	-0.52	-0.06	-1.26
500.	33	1481.9	4.1	1495.6	1478.0	33	-0.7	0.4	-2.6	43	5.63	0.95	9.11	4.68	43	-0.28	-0.03	-0.81
600.	31	1480.8	2.9	1491.9	1478.2	29	-0.2	0.4	-2.2	41	4.97	0.65	7.80	4.36	40	-0.17	-0.03	-0.70
700.	31	1480.8	2.9	1491.9	1478.2	29	-0.2	0.4	-2.2	41	4.97	0.65	7.80	4.36	40	-0.17	-0.03	-0.70
800.	30	1481.5	1.4	1487.5	1480.3	30	0.2	0.4	-0.7	39	4.32	0.33	5.84	4.02	39	-0.09	-0.03	-0.25
900.	28	1482.3	0.9	1485.2	1481.4	27	0.2	0.4	-0.7	37	4.13	0.21	4.86	3.90	36	-0.06	-0.02	-0.35
1000.	26	1483.3	0.6	1485.0	1482.6	26	0.4	1.5	0.2	32	3.97	0.14	4.39	3.78	32	-0.04	-0.02	-0.09
1100.	24	1484.5	0.5	1485.8	1483.9	24	0.4	0.5	0.2	30	3.87	0.12	4.18	3.67	30	-0.03	-0.01	-0.07
1200.	21	1485.9	0.4	1487.1	1485.2	21	0.4	0.5	0.2	27	3.79	0.11	4.11	3.58	27	-0.03	-0.01	-0.07
1300.	19	1487.2	0.4	1488.6	1486.6	18	0.4	0.5	0.3	25	3.70	0.11	4.06	3.50	25	-0.02	-0.02	-0.04
1400.	18	1488.5	0.2	1488.9	1488.0	17	0.4	0.4	0.4	23	3.62	0.07	3.72	3.45	23	-0.02	-0.01	-0.04
1500.	18	1489.9	0.2	1490.4	1489.4	18	0.4	0.5	0.4	22	3.56	0.07	3.67	3.42	22	-0.02	-0.01	-0.04
1750.	14	1493.5	0.1	1494.0	1493.1	13	0.4	0.5	0.4	18	3.42	0.05	3.54	3.33	18	-0.02	-0.01	-0.02
2000.	6	1497.2	0.3	1497.6	1496.7	6	0.4	0.5	0.4	8	3.29	0.06	3.39	3.18	8	-0.02	-0.01	-0.02
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.82	0.00	2.82	2.82	1	-0.03	-0.03	-0.03

SUMMARY FOR ONE DEGREE SQUARE 90 OF MARSDEN SQUARE 11b FOR MONTHS 10-12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	18	1521.2	8.8	1529.7	1499.9	0	0.0	0.0	0.0	22	19.81	2.69	22.40	13.09	0	0.00	0.00	0.00
10.	18	1521.4	8.8	1529.8	1500.0	17	0.4	0.7	-0.3	24	19.76	2.59	22.39	13.07	24	0.02	0.30	-0.57
20.	19	1520.8	8.7	1529.9	1500.2	17	-0.8	6.1	-29.3	25	19.52	2.61	22.38	13.06	24	-0.72	0.79	-11.45
30.	19	1520.0	8.6	1530.0	1500.4	19	-4.0	3.0	-36.6	25	19.12	2.58	22.44	13.08	25	-1.54	0.34	-11.28
40.	19	1515.3	9.2	1528.0	1500.3	19	-9.1	0.5	-29.0	26	17.36	2.97	21.32	10.79	25	-2.74	0.61	-9.97
75.	18	1510.5	7.8	1524.6	1494.2	18	-2.7	11.7	-15.7	26	15.72	2.31	19.85	10.88	26	-1.46	2.59	-7.50
100.	18	1508.5	5.9	1522.6	1499.6	18	-2.4	4.6	-9.7	26	14.64	1.77	18.91	12.09	26	-1.20	0.86	-5.02
125.	18	1506.9	5.6	1521.2	1500.9	18	-1.8	1.6	-6.1	26	13.99	1.68	18.32	11.99	26	-0.73	0.26	-2.06
150.	18	1505.3	5.7	1520.6	1499.7	17	-2.3	1.1	-6.1	26	13.36	1.73	17.98	11.11	26	-0.81	0.18	-1.76
200.	18	1500.7	6.6	1519.2	1493.7	18	-2.3	3.0	-4.5	26	11.87	1.95	17.28	9.39	26	-0.83	0.61	-1.33
250.	18	1496.6	7.0	1516.3	1489.8	18	-2.4	-1.4	-4.4	24	10.52	2.05	16.05	8.09	24	-0.80	-0.47	-1.30
300.	18	1492.7	7.0	1512.8	1485.7	18	-2.5	-1.5	-4.1	25	9.22	1.90	14.68	7.04	25	-0.79	-0.30	-1.52
400.	17	1486.2	6.0	1504.5	1480.6	17	-1.7	-0.8	-3.0	24	7.05	1.44	11.81	5.54	24	-0.54	-0.30	-0.90
500.	17	1482.2	4.1	1495.4	1478.0	17	-0.9	0.1	-3.0	24	5.65	0.94	8.89	4.71	24	-0.35	-0.11	-0.94
600.	16	1480.8	2.3	1488.6	1478.7	16	-0.1	0.4	-1.5	21	4.96	0.49	6.74	4.48	21	-0.15	-0.06	-0.51
700.	16	1480.9	1.3	1484.9	1479.7	16	0.1	1.0	-1.1	21	4.60	0.26	5.45	4.32	21	-0.09	-0.04	-0.39
800.	14	1481.4	0.6	1482.7	1480.7	14	0.2	0.4	0.1	18	4.37	0.18	4.78	4.16	18	-0.07	-0.04	-0.15
900.	14	1482.2	0.3	1482.9	1481.7	14	0.3	0.4	0.1	18	4.16	0.11	4.44	4.01	18	-0.06	-0.02	-0.11
1000.	14	1483.3	0.2	1483.9	1482.8	14	0.4	0.8	0.2	18	4.02	0.08	4.22	3.87	18	-0.04	-0.03	-0.08
1100.	14	1484.6	0.2	1485.1	1484.1	13	0.4	0.5	0.3	18	3.91	0.07	4.09	3.79	17	-0.03	0.01	-0.05
1200.	12	1485.8	0.0	1486.2	1485.6	12	0.4	0.5	0.3	16	3.81	0.06	4.00	3.74	16	-0.03	-0.01	-0.05
1300.	12	1487.2	0.0	1487.3	1487.0	12	0.4	0.5	0.3	16	3.73	0.06	3.91	3.67	16	-0.02	-0.02	-0.04
1400.	10	1488.5	0.0	1489.7	1488.3	10	0.4	0.5	0.4	14	3.65	0.05	3.82	3.60	14	-0.02	-0.01	-0.04
1500.	9	1489.9	0.0	1490.1	1489.7	9	0.5	0.6	0.4	12	3.58	0.05	3.74	3.53	12	-0.02	-0.02	-0.03
1700.	9	1493.8	0.9	1496.2	1493.3	9	0.5	0.8	0.4	11	3.43	0.05	3.56	3.38	11	-0.02	-0.01	-0.02
2000.	4	1497.2	0.2	1497.5	1496.9	4	0.5	0.5	0.4	6	3.32	0.07	3.43	3.22	6	-0.02	-0.01	-0.02

SUMMARY FOR ONE DEGREE SQUARE 91 OF MARSDEN SQUARE 116 FOR MONTHS 7- 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	26	1531.4	4.1	1537.5	1523.6	44	24.79	1.67	27.15	19.6.	0	0.00	0.00	0.00
10.	27	1529.0	7.0	1537.7	1509.8	26	-7.5	14.6	-76.2	16.52	44	-2.09	24.99	-27.43
20.	29	1523.0	12.7	1537.0	1491.4	28	-28.3	3.7	-91.4	10.76	45	-10.99	0.55	-32.92
30.	27	1509.0	11.6	1525.5	1482.8	26	-38.8	4.6	-94.0	8.39	44	-14.17	0.61	-30.60
40.	27	1495.5	7.9	1508.3	1477.6	27	-6.6	45.7	-33.5	7.04	45	-3.55	10.67	-15.36
50.	27	1458.5	5.2	1506.6	1483.2	27	5.1	23.4	-7.9	8.24	45	0.24	5.28	-3.05
60.	27	1500.4	3.0	1506.0	1494.7	27	-0.1	7.1	-9.1	8.87	45	-0.53	3.75	-2.74
70.	27	1499.8	2.7	1504.3	1494.5	27	-0.8	4.6	-8.3	9.42	45	-0.67	2.74	-2.44
80.	27	1498.8	3.4	1502.9	1491.0	27	-1.9	0.9	-5.1	9.12	45	-0.81	0.11	-1.65
90.	20	1498.0	3.3	1498.0	1487.9	20	-2.5	-0.7	-4.4	8.31	38	-0.81	-0.36	-1.52
100.	20	1490.0	3.2	1496.2	1485.4	20	-2.5	-0.9	-4.0	6.81	38	-0.70	-0.37	-1.10
110.	19	1486.3	3.1	1494.2	1482.7	19	-2.1	-0.8	-3.3	5.18	37	-0.61	-0.37	-1.00
120.	7	1480.7	2.0	1484.8	1478.7	8	-1.4	-0.3	-3.7	4.69	11	-0.41	-0.02	-1.05
130.	7	1479.2	0.7	1480.1	1478.3	7	-0.2	0.6	-1.5	4.42	10	-0.18	0.33	-0.47
140.	6	1480.4	0.6	1480.4	1478.8	6	0.2	0.5	-0.1	4.42	9	-0.08	-0.03	-0.16
150.	6	1480.2	0.5	1480.5	1479.4	6	0.2	0.4	-0.1	4.24	9	-0.07	-0.03	-0.15
160.	4	1481.9	0.6	1481.5	1480.2	6	0.2	0.3	0.2	4.04	9	-0.05	-0.03	-0.07
170.	4	1481.9	0.7	1482.7	1481.2	4	0.3	0.4	0.3	3.89	8	-0.04	-0.02	-0.05
180.	3	1483.3	0.6	1483.8	1482.6	3	0.4	0.4	0.3	3.80	6	-0.03	-0.03	-0.04
190.	3	1484.6	0.7	1485.0	1483.8	2	0.4	0.4	0.4	3.70	4	-0.03	-0.03	-0.03
200.	3	1485.8	0.6	1486.2	1485.1	3	0.4	0.4	0.4	3.63	5	-0.03	-0.02	-0.04
210.	3	1487.2	0.6	1487.5	1486.5	3	0.4	0.5	0.4	3.54	5	-0.02	-0.01	-0.03
220.	3	1488.5	0.6	1488.9	1487.9	3	0.4	0.4	0.4	3.47	5	-0.02	-0.01	-0.03
230.	3	1490.0	0.5	1490.4	1489.3	3	0.4	0.5	0.4	3.41	4	-0.02	-0.02	-0.03
240.	2	1493.5	0.6	1493.9	1493.1	2	0.4	0.5	0.4	3.33	2	-0.02	-0.01	-0.03
2500.	1	1497.3	0.0	1497.3	1497.3	1	0.4	0.4	0.4	3.32	1	-0.02	-0.02	-0.02

SUMMARY FOR ONE DEGREE SQUARE 91 OF MARSDEN SQUARE 116 FOR MONTHS 10-12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1505.0	9.5	1515.7	1488.7	0	0.0	2.70	17.80	10.12	0	0.00	0.00	0.00
10.	12	1505.6	9.0	1514.3	1489.0	12	1.6	2.54	17.70	10.13	16	0.19	1.92	-2.65
20.	12	1506.3	8.1	1514.5	1492.1	12	2.6	2.35	17.70	10.87	16	0.37	2.67	-2.41
30.	12	1506.1	7.1	1514.2	1495.6	12	-2.2	2.17	17.70	11.70	16	-0.73	3.78	-15.47
50.	12	1502.2	5.6	1514.2	1492.3	12	-4.7	2.12	17.64	10.65	16	-1.81	5.59	-12.57
75.	12	1501.6	4.9	1510.1	1493.5	12	0.1	1.29	15.28	10.79	16	-0.73	2.46	-4.33
100.	12	1501.0	5.7	1508.5	1488.0	12	-1.8	1.2	14.51	9.26	16	-0.69	0.06	-2.25
125.	12	1500.0	4.3	1505.0	1489.9	12	-1.4	0.97	13.28	9.57	16	-0.64	0.91	-3.27
150.	12	1498.5	3.6	1502.1	1491.9	12	-1.6	0.84	12.46	9.68	16	-0.77	0.39	-1.46
200.	11	1496.5	3.1	1499.2	1489.2	11	-3.0	0.78	11.39	8.66	13	-0.98	-0.30	-1.52
250.	9	1490.4	2.7	1494.0	1486.5	9	-2.5	0.65	9.81	7.33	11	-0.81	-0.47	-2.29
300.	7	1486.1	2.6	1488.8	1482.2	6	-2.8	0.64	8.24	6.56	8	-0.75	-0.42	-1.44
400.	5	1481.0	1.6	1482.8	1479.3	5	-0.8	0.46	6.62	5.43	8	-0.41	-0.14	-0.57
500.	5	1479.2	1.0	1480.7	1478.2	4	-0.2	0.22	5.37	4.76	7	-0.20	-0.14	-0.27
600.	3	1479.4	0.9	1480.0	1478.4	3	-0.0	0.14	4.80	4.41	6	-0.12	-0.07	-0.17
700.	2	1480.3	0.2	1481.4	1481.1	2	0.3	0.07	4.51	4.30	5	-0.06	-0.04	-0.10
800.	2	1481.3	0.2	1481.4	1481.1	2	0.3	0.08	4.33	4.01	5	-0.04	-0.02	-0.08
900.	2	1482.3	0.7	1482.8	1481.8	2	0.3	0.10	4.26	4.01	5	-0.04	-0.02	-0.07
1000.	2	1483.5	0.8	1484.1	1482.9	2	0.4	0.11	4.17	3.91	5	-0.03	-0.02	-0.05
1100.	2	1484.8	0.9	1485.4	1484.1	2	0.4	0.11	4.09	3.80	5	-0.03	-0.02	-0.04
1200.	2	1486.1	0.9	1486.7	1485.4	2	0.4	0.12	4.00	3.70	5	-0.03	-0.02	-0.04
1300.	1	1486.8	0.0	1486.8	1486.8	1	0.4	0.07	3.78	3.63	4	-0.03	-0.02	-0.04
1400.	1	1488.2	0.0	1488.2	1488.2	1	0.4	0.06	3.70	3.57	4	-0.02	-0.02	-0.02
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.05	3.63	3.53	3	-0.02	-0.02	-0.02
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.01	3.40	3.39	2	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 76 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1529.1	0.6	1529.7	1528.1	0	0.0	0.0	0.0	6	21.74	0.21	0	0.00	0.00	0.00
10.	6	1529.1	0.6	1529.6	1527.9	6	-0.3	1.0	-1.4	6	21.65	0.20	6	-0.30	0.10	-0.71
20.	6	1529.0	0.6	1529.6	1527.9	6	-0.1	0.6	-0.9	6	21.58	0.26	6	-0.20	-0.06	-0.49
30.	6	1528.1	1.0	1529.9	1527.2	5	0.1	1.0	-1.2	6	21.53	0.34	5	-0.16	0.15	-0.54
50.	6	1529.1	1.6	1530.3	1526.3	6	0.1	1.2	-1.4	6	21.42	0.54	6	-0.10	0.10	-0.60
75.	6	1529.0	2.4	1530.8	1524.8	6	-0.1	0.7	-1.0	6	21.24	0.82	6	-0.22	0.05	-0.73
100.	6	1528.4	3.1	1530.7	1522.9	6	-2.3	0.6	-4.1	6	20.88	1.03	6	-1.00	-0.49	-1.68
125.	6	1528.1	2.8	1529.4	1520.6	6	-2.9	-0.9	-4.0	6	19.91	0.91	6	-1.18	-0.50	-1.57
150.	6	1523.7	3.2	1526.2	1517.4	5	-3.4	-2.7	-4.0	6	18.95	1.00	5	-1.30	-1.09	-1.44
200.	6	1519.7	2.2	1522.2	1516.0	6	-1.8	-1.2	-3.0	6	17.38	0.69	6	-0.67	-0.55	-0.94
250.	6	1517.0	2.0	1519.3	1513.5	6	-1.7	-1.2	-2.4	6	16.27	0.62	6	-0.68	-0.55	-0.90
300.	6	1514.3	2.1	1516.5	1511.0	6	-1.6	-1.2	-2.3	6	15.20	0.61	6	-0.66	-0.54	-0.82
350.	6	1509.6	2.1	1511.7	1506.8	6	-1.1	-1.1	-1.6	6	13.28	0.59	6	-0.52	-0.46	-0.65
400.	6	1505.3	2.6	1508.5	1502.6	6	-1.1	-0.6	-1.6	6	11.67	0.71	6	-0.48	-0.42	-0.53
450.	6	1501.4	3.0	1505.5	1498.6	6	-1.4	-0.9	-2.4	6	10.18	0.79	6	-0.39	-0.30	-0.47
500.	6	1497.8	3.1	1502.6	1494.6	6	-1.0	-0.7	-1.3	6	8.82	0.79	6	-0.31	-0.19	-0.42
550.	6	1495.4	2.4	1499.5	1493.4	6	-0.7	-0.3	-1.1	6	7.78	0.59	6	-0.31	-0.19	-0.42
600.	6	1493.7	1.9	1497.2	1492.4	6	-0.5	-0.3	-0.7	6	6.94	0.45	6	-0.25	-0.21	-0.31
650.	6	1493.1	1.3	1495.6	1492.1	6	-0.0	0.2	-0.3	6	6.36	0.32	6	-0.14	-0.07	-0.23
700.	6	1493.3	1.0	1494.9	1492.6	6	0.1	0.3	-0.2	6	6.00	0.24	6	-0.11	-0.06	-0.19
750.	6	1494.0	1.0	1495.2	1493.0	6	0.2	0.4	0.1	6	5.76	0.22	6	-0.07	-0.02	-0.12
800.	2	1493.5	0.1	1493.5	1493.4	2	0.1	0.2	0.2	2	5.20	0.02	2	-0.11	-0.09	-0.12
850.	2	1493.3	0.6	1494.3	1493.5	2	0.1	0.2	0.2	2	4.91	0.01	2	-0.07	-0.04	-0.11
900.	2	1494.6	1.1	1495.3	1493.8	2	0.2	0.2	0.1	2	4.66	0.25	2	-0.08	-0.07	-0.12
950.	2	1498.6	1.1	1497.1	1495.6	2	0.2	0.2	0.2	2	4.09	0.25	2	-0.07	-0.06	-0.07
1000.	2	1498.7	0.4	1499.0	1498.4	2	0.3	0.4	0.2	2	3.64	0.08	2	-0.05	-0.04	-0.07
1100.	2	1504.9	0.1	1505.0	1504.8	2	0.4	0.4	0.4	2	3.10	0.03	2	-0.03	-0.03	-0.03
1200.	2	1511.4	0.1	1511.4	1511.7	2	0.5	0.5	0.4	2	2.72	0.04	2	-0.02	-0.02	-0.03
1300.	1	1527.9	0.1	1527.9	1527.8	1	0.5	0.5	0.5	2	2.39	0.01	2	-0.00	-0.00	-0.00
1400.	1	1545.8	0.0	1545.8	1545.8	1	0.6	0.6	0.6	1	2.44	0.00	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 76 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1531.6	0.6	1532.0	1531.2	0	0.0	0.35	22.98	22.48	0	0.00	0.00	0.00
10.	2	1529.9	0.8	1530.4	1529.3	2	-5.3	0.47	22.30	21.64	2	-2.32	-2.07	-2.56
20.	2	1529.9	0.7	1530.4	1529.4	2	0.2	0.43	22.24	21.63	2	-0.11	-0.33	-0.49
30.	2	1530.0	0.6	1530.4	1529.6	2	0.3	0.40	22.18	21.62	2	-0.11	-0.03	-0.18
50.	2	1530.2	0.5	1530.5	1529.8	2	0.2	0.35	22.07	21.58	2	-0.11	-0.06	-0.17
75.	2	1530.5	0.6	1530.9	1530.1	2	0.4	0.30	21.96	21.53	2	-0.10	-0.06	-0.13
100.	2	1530.4	0.1	1530.4	1530.3	2	-0.2	0.06	21.55	21.47	2	-0.29	-0.07	-0.50
125.	2	1529.5	1.6	1530.6	1528.3	2	-1.1	0.52	21.41	20.67	2	-0.57	-0.07	-1.07
150.	2	1527.8	1.9	1529.1	1526.4	2	-2.1	0.64	20.76	19.85	2	-0.90	-0.79	-1.00
200.	2	1523.0	0.3	1523.7	1522.8	2	-2.7	0.04	18.43	18.38	2	-1.11	-0.70	-1.33
250.	2	1518.9	1.6	1520.9	1518.9	2	-1.9	0.40	17.43	16.87	2	-0.77	-0.61	-0.92
300.	2	1517.0	2.1	1518.5	1515.5	2	-1.8	0.60	16.44	15.59	2	-0.64	-0.60	-0.78
400.	2	1512.2	1.8	1513.4	1510.9	2	-1.5	0.54	14.46	13.70	2	-0.59	-0.58	-0.61
500.	2	1507.8	2.1	1509.2	1506.3	2	-1.5	0.55	12.73	11.95	2	-0.42	-0.30	-0.53
600.	2	1504.6	2.1	1506.0	1503.1	2	-1.2	0.56	11.43	10.64	2	-0.43	-0.40	-0.46
700.	2	1499.4	3.3	1501.9	1496.9	2	-1.2	0.88	9.84	8.59	2	-0.55	-0.48	-0.62
800.	2	1493.9	4.1	1498.8	1493.0	2	-0.4	0.97	8.57	7.20	2	-0.24	-0.18	-0.30
900.	2	1494.6	3.0	1496.7	1492.4	2	-0.4	0.71	7.63	6.63	2	-0.23	-0.17	-0.29
1000.	2	1493.9	2.1	1495.3	1492.4	2	-0.2	0.55	6.88	6.21	2	-0.13	-0.07	-0.18
1100.	2	1493.7	1.1	1494.6	1493.1	2	0.0	0.26	6.31	5.94	2	-0.13	-0.08	-0.17
1200.	2	1494.1	0.6	1494.5	1493.7	2	0.1	0.14	5.87	5.67	2	-0.10	-0.08	-0.12
1300.	2	1494.6	0.5	1494.9	1494.2	2	0.1	0.11	5.55	5.39	2	-0.09	-0.09	-0.13
1400.	2	1495.3	0.6	1495.7	1494.8	2	0.2	0.16	5.34	5.11	2	-0.07	-0.06	-0.09
1500.	2	1496.2	1.2	1497.0	1495.3	2	0.3	0.29	5.25	4.84	2	-0.05	-0.02	-0.08
1750.	2	1497.8	0.6	1498.2	1497.3	2	0.2	0.16	4.53	4.30	2	-0.08	-0.06	-0.09
2000.	2	1498.9	0.2	1500.0	1499.7	2	0.3	0.40	3.93	3.87	2	-0.06	-0.04	-0.07
2500.	2	1503.3	0.4	1505.5	1503.0	2	0.3	0.18	3.24	3.12	2	-0.05	-0.04	-0.05
3000.	2	1511.9	0.1	1511.9	1511.8	2	0.4	0.02	2.75	2.72	2	-0.02	-0.02	-0.02
4000.	2	1528.0	0.1	1528.0	1527.9	2	0.5	0.01	2.43	2.41	2	-0.00	-0.00	-0.01
5000.	1	1546.0	0.0	1546.0	1546.0	1	0.5	0.00	2.49	2.49	1	0.00	0.00	0.00

SUMMARY FOR QUADANT 1 OF MARSDEN SQUARE 76 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1540.3	0.1	1540.6	1540.4	0	0.0	0.0	0.0	2	26.32	0.11	26.39	26.24	0	0.00	0.00	0.00
10.	2	1540.4	0.1	1540.4	1540.3	2	-0.7	-0.3	-1.0	2	26.17	0.03	26.19	26.15	2	-0.44	-0.30	-0.61
20.	2	1540.2	0.2	1540.3	1540.0	2	-0.6	-1.2	-1.2	2	26.01	0.06	26.05	25.97	2	-0.49	-0.30	-0.67
30.	2	1540.0	0.4	1540.2	1539.7	2	-0.6	-0.3	-0.9	2	25.86	0.15	25.96	25.75	2	-0.47	-0.27	-0.67
40.	2	1539.4	0.6	1539.8	1538.9	2	-5.2	-1.2	-9.1	2	25.48	0.24	25.65	25.31	2	-1.16	-0.67	-3.65
50.	2	1538.8	0.3	1539.0	1538.6	2	-6.8	-6.0	-7.6	2	23.03	0.11	23.10	22.95	2	-1.99	-2.69	-3.69
60.	2	1529.3	0.8	1529.8	1528.7	2	-4.1	-3.0	-5.1	2	21.15	0.25	21.32	20.97	2	-1.47	-0.76	-2.17
70.	2	1527.7	0.3	1527.9	1527.5	2	-1.9	-1.5	-2.3	2	20.46	0.11	20.53	20.38	2	-0.84	-0.72	-0.95
80.	2	1526.2	0.0	1526.2	1526.2	2	-1.8	-1.6	-2.1	2	19.79	0.00	19.79	19.79	2	-0.81	-0.72	-0.95
90.	2	1523.2	0.3	1523.4	1523.0	2	-1.2	-2.4	-2.4	2	18.51	0.10	18.58	18.44	2	-0.70	-0.61	-0.79
100.	2	1520.3	0.0	1520.3	1520.3	2	-1.8	-1.6	-1.9	2	17.33	0.01	17.33	17.32	2	-0.74	-0.68	-0.77
110.	2	1517.6	0.1	1517.7	1517.5	2	-2.4	-1.7	-3.0	2	16.23	0.04	16.26	16.20	2	-0.61	-0.61	-0.61
120.	2	1512.8	0.2	1512.9	1512.6	2	-2.1	-1.2	-3.0	2	14.28	0.05	14.31	14.24	2	-0.64	-0.52	-0.76
130.	2	1508.0	0.7	1508.5	1507.5	2	-0.8	-1.5	-1.5	2	12.44	0.19	12.57	12.30	2	-0.44	-0.30	-0.54
140.	2	1504.6	0.2	1504.7	1504.4	2	-0.9	-0.8	-1.0	2	11.03	0.04	11.06	11.00	2	-0.37	-0.33	-0.41
150.	2	1501.6	0.1	1501.6	1501.5	2	-1.1	-1.0	-1.3	2	9.80	0.02	9.81	9.78	2	-0.39	-0.30	-0.47
160.	2	1499.3	0.9	1499.9	1498.6	1	-0.5	-0.5	-0.5	2	8.78	0.25	8.95	8.60	2	2.39	5.03	-0.24
170.	2	1497.5	1.0	1498.2	1496.8	2	-0.7	-0.7	-0.8	2	7.87	0.23	8.03	7.71	2	-0.31	-0.30	-0.32
180.	2	1495.6	0.6	1496.0	1495.2	2	-0.4	-0.3	-0.6	2	6.97	0.14	7.07	6.87	2	-0.22	-0.19	-0.24
190.	2	1494.9	0.5	1495.2	1494.5	2	-0.2	-0.2	-0.2	2	6.37	0.11	6.44	6.29	2	-0.18	-0.18	-0.14
200.	2	1494.7	0.4	1495.0	1494.4	2	0.3	0.5	0.1	2	5.02	0.08	5.08	5.86	2	-0.08	-0.05	-0.10
210.	2	1493.3	0.6	1493.7	1494.9	2	0.2	0.2	0.2	2	5.64	0.13	5.73	5.55	2	-0.09	-0.08	-0.03
220.	2	1493.9	0.6	1496.3	1495.5	2	0.1	0.2	0.2	2	5.38	0.13	5.47	5.29	2	-0.07	-0.06	-0.07
230.	2	1496.6	0.4	1496.9	1496.3	2	0.2	0.2	0.2	2	5.14	0.10	5.21	5.07	2	-0.07	-0.07	-0.03
240.	2	1498.2	0.1	1498.3	1498.1	2	0.2	0.2	0.1	2	4.50	0.03	4.53	4.48	2	-0.08	-0.07	-0.03
250.	2	1500.0	0.1	1500.1	1499.9	2	0.3	0.3	0.3	2	3.94	0.04	3.97	3.91	2	-0.05	-0.05	-0.05
260.	2	1503.4	0.1	1503.5	1503.3	2	0.4	0.4	0.4	2	3.22	0.03	3.24	3.20	2	-0.04	-0.04	-0.04
270.	2	1512.1	0.1	1512.2	1512.0	2	0.4	0.4	0.4	2	2.79	0.04	2.81	2.76	2	-0.07	-0.07	-0.07
280.	2	1528.2	0.1	1528.2	1528.1	2	0.5	0.6	0.5	2	2.46	0.01	2.47	2.45	2	0.00	0.00	0.00
2900.	2	1545.8	0.1	1545.8	1545.7	2	0.6	0.6	0.5	2	2.43	0.01	2.43	2.42	2	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 76 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1530.6	0.2	1530.7	1530.4	0	0.0	0.0	0.0	2	22.23	0.01	22.23	22.22	2	0.00	0.00	0.00
10.	2	1530.7	0.1	1530.7	1530.6	2	0.2	0.3	0.3	2	22.20	0.01	22.20	22.19	2	-0.10	-0.07	-0.14
20.	2	1530.7	0.0	1530.7	1530.7	2	0.2	0.3	0.3	2	22.16	0.03	22.18	22.14	2	-0.11	-0.06	-0.15
30.	2	1530.8	0.0	1530.8	1530.8	2	0.2	0.3	0.3	2	22.13	0.04	22.15	22.10	2	-0.11	-0.09	-0.12
40.	2	1531.0	0.1	1531.0	1530.9	2	0.2	0.3	0.2	2	22.05	0.07	22.10	22.00	2	-0.11	-0.08	-0.15
50.	2	1531.1	0.1	1531.2	1531.0	2	0.2	0.2	0.1	2	21.97	0.11	22.04	21.89	2	-0.10	-0.07	-0.13
60.	2	1530.8	0.4	1531.1	1530.5	2	-0.8	0.1	-1.6	2	21.69	0.11	21.77	21.61	2	-0.49	-0.15	-0.83
70.	2	1527.3	2.1	1528.7	1525.8	2	-5.2	-2.3	-8.1	2	20.32	0.71	20.82	19.81	2	-1.97	-0.99	-2.96
80.	2	1524.8	3.0	1526.9	1522.6	2	-3.0	-2.2	-3.9	2	19.33	1.03	20.05	18.60	2	-1.21	-0.94	-1.48
90.	2	1520.7	4.1	1523.6	1517.8	2	-2.3	-1.9	-2.7	2	17.73	1.34	18.67	16.78	2	-0.91	-0.80	-1.02
100.	2	1517.4	4.3	1520.4	1514.3	2	-2.0	-2.0	-2.1	2	16.41	1.33	17.35	15.47	2	-0.80	-0.80	-0.80
110.	2	1514.8	2.9	1516.8	1512.7	2	-1.6	-1.0	-2.3	2	15.35	0.87	15.96	14.73	2	-0.66	-0.45	-0.86
120.	2	1510.7	0.8	1511.2	1510.1	2	-1.1	-0.8	-1.4	2	13.66	0.21	13.81	13.51	2	-0.46	-0.35	-0.56
130.	2	1507.0	1.0	1507.7	1506.3	2	-1.2	-0.8	-1.6	2	12.15	0.27	12.34	11.96	2	-0.46	-0.36	-0.57
140.	2	1502.8	1.7	1504.0	1501.6	2	-1.0	-0.6	-1.4	2	10.56	0.45	10.87	10.24	2	-0.41	-0.30	-0.52
150.	2	1499.9	2.0	1501.3	1498.5	2	-0.9	-0.8	-1.0	2	9.35	0.52	9.72	8.98	2	-0.37	-0.35	-0.39
160.	2	1498.0	3.0	1498.1	1493.8	2	-1.3	-1.0	-1.5	2	7.92	0.76	8.46	7.38	2	-0.45	-0.40	-0.51
170.	2	1493.9	2.6	1495.7	1492.0	2	-0.5	-0.5	-0.5	2	6.98	0.64	7.43	6.53	2	-0.25	-0.24	-0.26
180.	2	1493.2	1.8	1494.4	1491.9	2	-0.2	-0.4	-0.4	2	6.38	0.41	6.67	6.09	2	-0.18	-0.13	-0.23
190.	2	1492.3	0.8	1493.4	1492.2	2	-0.1	0.1	-0.3	2	5.88	0.19	6.01	5.74	2	-0.15	-0.11	-0.17
200.	2	1492.3	0.0	1492.8	1492.8	2	0.0	0.2	-0.2	2	5.46	0.00	5.46	5.46	2	-0.13	-0.08	-0.17
210.	2	1493.4	0.4	1493.7	1493.1	2	0.2	0.3	0.2	2	5.20	0.12	5.28	5.11	2	-0.07	-0.05	-0.09
220.	2	1494.3	0.6	1494.4	1493.6	2	0.2	0.2	0.2	2	4.93	0.13	5.02	4.84	2	-0.08	-0.08	-0.09
230.	2	1494.7	0.5	1495.0	1494.3	2	0.2	0.3	0.3	2	4.68	0.12	4.76	4.59	2	-0.08	-0.08	-0.09
240.	2	1496.4	0.4	1496.8	1496.3	2	0.2	0.3	0.2	2	4.13	0.07	4.18	4.08	2	-0.06	-0.06	-0.07
250.	2	1498.9	0.1	1499.0	1498.8	2	0.3	0.4	0.3	2	3.69	0.04	3.72	3.66	2	-0.05	-0.04	-0.05
260.	2	1504.9	0.0	1504.9	1504.9	2	0.4	0.4	0.4	2	3.11	0.01	3.11	3.10	2	-0.03	-0.03	-0.03
270.	2	1512.0	0.1	1512.0	1511.9	2	0.4	0.4	0.4	2	2.75	0.01	2.75	2.74	2	-0.02	-0.02	-0.02
280.	2	1528.0	0.0	1528.0	1528.0	2	0.5	0.5	0.5	2	2.42	0.00	2.42	2.42	2	-0.00	-0.00	-0.00
290.	2	1543.6	0.1	1545.8	1545.5	2	0.5	0.5	0.5	2	2.38	0.01	2.39	2.37	2	0.00	0.00	-0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUAPE 76 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1536.3	2.9	1539.5	1533.9	0	0.0	0.0	0.0	23.58	0	0.00	0.00	0.00
10.	4	1536.2	2.6	1538.5	1533.8	4	-0.1	0.9	-1.2	23.48	4	-0.26	0.09	-3.19
20.	4	1536.1	2.5	1538.3	1533.7	4	-0.2	0.6	-1.2	23.37	4	-0.29	-0.12	-3.70
30.	4	1536.1	2.4	1538.4	1533.7	4	0.1	0.5	-0.6	23.28	4	-0.28	-0.12	-3.55
40.	4	1534.8	1.7	1537.4	1533.6	4	-1.0	-0.8	-3.0	23.09	4	-0.57	-0.20	-1.22
50.	4	1532.6	1.5	1534.1	1530.6	4	-2.4	-0.2	-5.1	21.81	4	-1.14	-0.33	-2.11
100.	4	1530.8	2.3	1533.2	1528.5	4	-2.9	-2.2	-3.4	20.87	4	-1.26	-0.95	-1.46
125.	4	1529.0	1.6	1530.5	1527.5	4	-2.3	-1.1	-3.3	20.35	4	-1.00	-0.56	-1.54
150.	4	1526.9	1.2	1527.9	1525.7	4	-2.9	-2.1	-3.6	19.59	4	-1.17	-0.89	-1.37
200.	4	1522.6	1.1	1523.8	1521.2	4	-2.3	-1.4	-2.9	17.86	4	-0.94	-0.61	-1.13
250.	4	1519.3	0.8	1520.4	1518.8	4	-1.6	-1.4	-2.1	16.83	4	-0.66	-0.60	-0.81
300.	4	1516.8	1.0	1518.2	1516.1	4	-1.5	-1.2	-1.8	15.75	4	-0.62	-0.53	-0.69
400.	4	1512.6	1.4	1513.7	1510.6	4	-1.3	-0.9	-1.7	13.66	4	-0.53	-0.43	-0.67
500.	4	1508.4	2.1	1509.8	1505.3	4	-1.2	-0.6	-1.7	11.71	4	-0.49	-0.34	-0.61
600.	4	1504.2	2.7	1506.8	1500.3	4	-1.0	-1.2	-1.5	9.91	4	-0.45	-0.30	-0.55
700.	4	1500.5	2.9	1503.1	1496.3	3	-1.2	-1.2	-1.2	8.44	4	-0.47	-0.45	-0.55
800.	4	1497.3	2.5	1499.7	1493.7	4	-0.7	-0.4	-1.0	7.36	4	-0.31	-0.22	-0.41
900.	4	1495.4	2.0	1497.0	1492.5	3	-0.5	-0.4	-0.7	6.65	4	-0.28	-0.22	-0.33
1000.	4	1493.9	1.6	1495.5	1491.8	4	-0.2	-0.1	-0.5	6.07	4	-0.18	-0.13	-0.25
1100.	4	1493.7	1.4	1495.2	1491.9	4	0.0	0.2	-0.1	5.69	4	-0.12	-0.07	-0.16
1200.	4	1494.1	1.1	1495.2	1492.7	4	0.2	0.4	0.1	5.46	4	-0.08	-0.04	-0.11
1300.	4	1494.6	1.0	1495.5	1493.5	4	0.1	0.2	0.1	5.22	4	-0.09	-0.07	-0.10
1400.	4	1495.1	0.8	1495.8	1494.2	4	-0.0	0.2	-0.5	4.98	4	-0.10	-0.07	-0.15
1500.	4	1495.5	0.6	1496.1	1494.8	4	0.1	0.2	0.1	4.73	4	-0.08	-0.06	-0.10
1750.	2	1497.6	0.3	1497.8	1497.4	2	0.1	0.2	0.2	4.32	2	-0.07	-0.07	-0.08
2000.	1	1499.4	0.0	1499.4	1499.4	1	0.2	0.2	0.2	3.80	1	-0.06	-0.06	-0.06
2500.	1	1505.0	0.0	1505.0	1505.0	1	0.3	0.3	0.3	3.12	1	-0.04	-0.04	-0.04
3000.	1	1511.8	0.0	1511.8	1511.8	1	0.4	0.4	0.4	2.72	1	-0.02	-0.02	-0.02
4000.	1	1528.0	0.0	1528.0	1528.0	0	0.0	0.0	0.0	2.43	1	-0.00	-0.00	-0.00
5000.	1	1545.6	0.0	1545.6	1545.6	1	0.6	0.6	0.6	2.39	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 76 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1540.8	0.0	0.0	0.0	0	0.0	0.0	0.0	1	26.63	0.00	0.00	0.00	0	0.00	0.00	0.00
10.	1	1541.0	0.0	1541.0	1541.0	1	0.0	0.0	0.0	1	26.71	0.00	26.71	26.71	1	0.00	0.00	0.00
20.	1	1541.2	0.0	1541.2	1541.2	1	0.5	0.5	0.5	1	26.69	0.00	26.69	26.69	1	-0.05	-0.05	-0.05
30.	1	1540.9	0.0	1540.9	1540.9	1	-2.0	-2.0	-2.0	1	26.43	0.00	26.43	26.43	1	-1.32	-1.32	-1.32
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
125.	1	1530.8	0.0	1530.8	1530.8	1	-1.8	-1.8	-1.8	1	21.68	0.00	21.68	21.68	1	-0.82	-0.82	-0.82
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
600.	1	1511.4	0.0	1511.4	1511.4	1	-0.2	-0.2	-0.2	1	12.91	0.00	12.91	12.91	1	-0.21	-0.21	-0.21
700.	1	1503.1	0.0	1503.1	1503.1	1	-1.0	-1.0	-1.0	1	10.21	0.00	10.21	10.21	1	-0.41	-0.41	-0.41
800.	1	1500.1	0.0	1500.1	1500.1	1	-0.9	-0.9	-0.9	1	8.98	0.00	8.98	8.98	1	-0.37	-0.37	-0.37
900.	1	1497.6	0.0	1497.6	1497.6	1	-0.8	-0.8	-0.8	1	7.90	0.00	7.90	7.90	1	-0.33	-0.33	-0.33
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
1100.	1	1494.9	0.0	1494.9	1494.9	1	-0.2	-0.2	-0.2	1	6.40	0.00	6.40	6.40	1	-0.17	-0.17	-0.17
1200.	1	1494.5	0.0	1494.5	1494.5	1	-0.1	-0.1	-0.1	1	5.89	0.00	5.89	5.89	1	-0.10	-0.10	-0.10
1300.	1	1494.3	0.0	1494.3	1494.3	1	-0.1	-0.1	-0.1	1	5.44	0.00	5.44	5.44	1	-0.14	-0.14	-0.14
1400.	1	1494.3	0.0	1494.3	1494.3	1	0.0	0.0	0.0	1	5.03	0.00	5.03	5.03	1	-0.12	-0.12	-0.12
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
1750.	1	1496.5	0.0	1496.5	1496.5	1	0.2	0.2	0.2	1	4.14	0.00	4.14	4.14	1	-0.06	-0.06	-0.06
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 76 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	3	1540.6	0.8	1541.5	1540.2	0	0.0	0.0	0.0	3	26.33	0.30	26.67	26.13	0	0.00	0.00	0.00		
10.	3	1540.1	0.4	1540.4	1539.7	3	-1.7	0.3	-3.7	3	26.05	0.15	26.15	25.88	3	-0.93	-0.17	-1.76		
20.	3	1539.5	0.7	1540.3	1539.0	3	-1.9	-2.1	-3.7	3	25.73	0.29	26.07	25.55	3	-0.98	-0.18	-1.74		
30.	3	1538.8	1.3	1540.3	1538.0	3	-2.0	-2.4	-3.7	3	25.40	0.53	26.01	25.03	3	-1.02	-0.18	-1.69		
50.	3	1537.4	2.6	1540.4	1535.7	3	-2.2	0.2	-3.5	3	24.68	1.05	25.89	23.97	3	-1.10	-0.18	-1.62		
75.	3	1532.9	1.2	1533.9	1531.6	3	-5.5	-3.2	-7.9	3	22.69	0.43	23.10	22.25	3	-2.43	-1.52	-3.40		
100.	3	1529.0	1.5	1530.6	1527.8	3	-4.8	-3.0	-6.6	3	21.06	0.49	21.60	20.66	3	-1.99	-1.37	-2.66		
125.	3	1526.9	1.3	1528.3	1525.7	3	-2.5	-2.2	-2.8	3	20.20	0.43	20.65	19.79	3	-1.05	-0.93	-1.16		
150.	3	1525.1	1.2	1526.2	1523.9	3	-2.2	-1.8	-2.6	3	19.43	0.38	19.79	19.03	3	-0.94	-0.84	-1.05		
200.	3	1522.0	0.8	1522.5	1521.0	3	-2.2	-1.7	-3.0	3	18.12	0.28	18.31	17.80	3	-0.70	-0.61	-0.75		
250.	3	1520.2	0.4	1520.6	1519.9	3	-1.1	-0.7	-1.5	3	17.29	0.12	17.42	17.20	3	-0.51	-0.37	-0.65		
300.	3	1518.5	0.4	1518.8	1518.0	3	-0.4	-1.1	-1.1	3	16.50	0.14	16.60	16.34	3	-0.37	-0.30	-0.50		
400.	3	1515.2	0.4	1515.6	1514.8	3	-0.9	-1.1	-1.5	3	15.00	0.12	15.11	14.88	3	-0.62	-0.48	-0.76		
500.	3	1510.6	0.9	1511.5	1509.8	3	-0.4	-1.1	-1.1	3	13.17	0.24	13.43	12.95	3	-0.61	-0.48	-0.61		
600.	3	1507.1	0.9	1507.6	1506.0	3	-0.5	-1.5	-1.5	3	11.72	0.26	11.87	11.42	3	-0.47	-0.30	-0.61		
700.	3	1503.4	1.2	1504.2	1502.0	3	-1.7	-2.0	-3.0	3	10.26	0.33	10.49	9.89	3	-0.64	-0.30	-0.61		
800.	3	1498.9	1.5	1500.2	1497.3	3	-0.8	-1.0	-1.5	3	8.67	0.37	8.99	8.26	3	-0.41	-0.30	-0.61		
900.	3	1496.0	0.8	1496.5	1495.1	3	-0.3	-0.8	-0.8	3	7.49	0.20	7.61	7.26	3	-0.36	-0.30	-0.46		
1000.	3	1494.2	0.6	1494.7	1493.6	3	0.0	0.0	0.0	3	6.62	0.14	6.75	6.47	3	-0.61	-0.30	-0.61		
1100.	3	1493.8	0.6	1494.3	1493.1	3	-0.1	-0.2	-0.2	3	6.10	0.15	6.22	5.93	3	-0.20	-0.13	-0.18		
1200.	3	1493.7	0.7	1494.4	1493.0	3	0.0	0.0	0.0	3	5.67	0.17	5.83	5.50	3	-0.09	-0.12	-0.15		
1300.	3	1494.1	0.6	1494.7	1493.7	3	0.1	0.2	0.0	3	5.35	0.13	5.50	5.26	3	-0.10	-0.07	-0.10		
1400.	3	1494.6	0.5	1495.2	1494.3	3	0.0	0.0	0.0	3	5.08	0.12	5.21	5.01	3	-0.05	-0.05	-0.10		
1500.	3	1495.5	0.4	1495.9	1495.1	3	0.3	0.3	0.2	3	4.86	0.10	4.97	4.77	3	-0.07	-0.05	-0.07		
1750.	3	1497.2	0.4	1497.6	1496.9	3	0.2	0.2	0.2	3	4.29	0.08	4.37	4.21	3	-0.07	-0.07	-0.07		
2000.	3	1499.3	0.2	1499.4	1499.1	3	0.2	0.3	0.2	3	3.77	0.04	3.80	3.73	3	-0.06	-0.05	-0.07		
2500.	3	1505.0	0.2	1505.2	1504.8	3	0.8	1.5	0.4	3	3.12	0.05	3.17	3.07	3	-0.02	-0.03	-0.03		
3000.	3	1512.1	0.2	1512.3	1511.9	3	0.4	0.5	0.4	3	2.77	0.05	2.83	2.73	3	-0.02	-0.02	-0.02		
4000.	3	1528.1	0.1	1528.1	1528.0	3	0.5	0.5	0.5	3	2.45	0.02	2.46	2.43	3	-0.00	-0.00	-0.01		
5000.	1	1545.7	0.0	1545.7	1545.7	1	0.5	0.5	0.5	1	2.41	0.00	2.41	2.41	1	-0.00	-0.00	-0.01		

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 76 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1525.4	0.6	1525.8	1525.0	0	0.0	0.0	0.0	2	20.41	0.18	20.53	20.28	0	0.00	0.00	0.00
10.	2	1525.6	0.6	1526.0	1525.2	2	0.5	0.7	0.3	2	20.41	0.17	20.53	20.29	2	0.02	0.03	0.03
20.	2	1525.8	0.6	1526.2	1525.4	2	0.6	0.6	0.6	2	20.42	0.16	20.53	20.30	2	0.02	0.03	0.03
30.	2	1526.0	0.5	1526.3	1525.6	2	0.5	0.6	0.3	2	20.42	0.17	20.54	20.30	2	0.02	0.03	0.03
50.	2	1526.4	0.5	1526.7	1526.0	2	0.6	0.6	0.6	2	20.43	0.16	20.54	20.32	2	0.02	0.03	0.03
75.	2	1526.7	0.6	1527.1	1526.3	2	0.4	0.5	0.4	2	20.42	0.17	20.54	20.30	2	-0.01	-0.02	-0.02
100.	2	1526.7	1.2	1527.5	1525.8	2	-1.3	0.5	-3.0	2	20.26	0.40	20.54	19.97	2	-0.52	-1.04	-1.04
125.	2	1524.6	0.8	1525.2	1524.0	2	-2.5	-2.2	-2.8	2	19.41	0.30	19.62	19.20	2	-1.03	-0.94	-1.12
150.	2	1522.8	0.7	1523.3	1522.3	2	-2.2	-2.1	-2.3	2	18.67	0.23	18.83	18.51	2	-0.90	-0.84	-0.96
200.	2	1520.2	0.5	1520.5	1519.8	2	-0.6	-0.6	-0.6	2	17.57	0.18	17.69	17.44	2	-0.27	-0.18	-0.37
250.	2	1519.4	0.9	1520.0	1518.7	2	-0.5	-0.3	-0.7	2	17.04	0.29	17.24	16.83	2	-0.32	-0.27	-0.37
300.	2	1517.9	1.2	1518.7	1517.0	2	-1.6	-1.4	-1.8	2	16.33	0.37	16.59	16.06	2	-0.59	-0.57	-0.61
400.	2	1514.1	1.1	1514.8	1513.3	2	-0.4	-0.8	-0.8	2	14.67	0.30	14.88	14.46	2	-0.35	-0.30	-0.39
500.	2	1511.1	1.4	1512.1	1510.1	2	-1.2	-1.2	-1.2	2	13.33	0.40	13.61	13.05	2	-0.50	-0.49	-0.50
600.	2	1507.6	0.9	1508.2	1506.9	2	-1.1	-0.7	-1.5	2	11.87	0.27	12.06	11.68	2	-0.43	-0.34	-0.52
700.	2	1504.5	0.0	1504.5	1504.5	2	-0.8	-0.7	-0.9	2	10.58	0.01	10.58	10.57	2	-0.34	-0.32	-0.37
800.	2	1501.6	0.1	1501.6	1501.5	2	-1.4	-1.2	-1.5	2	9.35	0.02	9.36	9.33	2	-0.47	-0.45	-0.49
900.	2	1498.9	0.6	1499.3	1498.5	2	-0.3	-0.3	-0.3	2	8.22	0.16	8.33	8.11	2	-0.21	-0.20	-0.21
1000.	2	1498.2	0.3	1498.4	1498.0	2	0.0	0.3	-0.3	2	7.59	0.08	7.65	7.53	2	-0.14	-0.06	-0.21
1100.	2	1498.2	0.9	1498.8	1497.5	2	-0.0	0.2	-0.3	2	7.15	0.22	7.30	6.99	2	-0.14	-0.07	-0.23
1200.	2	1498.1	1.2	1498.9	1497.2	2	0.0	0.3	-0.3	2	6.71	0.29	6.91	6.50	2	-0.13	-0.07	-0.18
1300.	2	1498.1	0.5	1498.4	1497.7	2	-0.1	-0.2	-0.2	2	6.29	0.11	6.36	6.21	2	-0.14	-0.12	-0.17
1400.	2	1497.9	0.1	1497.9	1497.8	2	-0.1	0.0	-0.2	2	5.82	0.01	5.83	5.81	2	-0.14	-0.12	-0.17
1500.	2	1497.7	0.3	1497.9	1497.5	2	-0.0	0.0	-0.1	2	5.39	0.08	5.44	5.33	2	-0.13	-0.11	-0.15
1750.	2	1498.5	0.4	1498.7	1498.2	2	0.1	0.1	0.1	2	4.57	0.09	4.63	4.50	2	-0.09	-0.09	-0.10
2000.	2	1500.1	0.4	1500.3	1499.8	2	0.2	0.2	0.2	2	3.95	0.08	4.01	3.89	2	-0.07	-0.07	-0.07
2500.	2	1505.2	0.2	1505.3	1505.0	2	0.4	0.4	0.3	2	3.17	0.05	3.20	3.13	2	-0.04	-0.03	-0.04
3000.	2	1512.0	0.0	1512.0	1512.0	2	0.4	0.5	0.4	2	2.77	0.01	2.77	2.76	2	-0.02	-0.02	-0.02
4000.	2	1528.2	0.0	1528.2	1528.2	2	0.5	0.5	0.5	2	2.48	0.01	2.48	2.47	2	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 76 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1526.2	0.0	1526.2	1526.2	0	0.0	0.0	0.0	1	20.64	0.00	20.64	20.64	0	0.00	0.00	0.00
10.	1	1525.7	0.0	1525.7	1525.7	1	-1.5	-1.5	-1.5	1	20.39	0.00	20.39	20.39	1	-0.76	-0.76	-0.76
20.	1	1525.6	0.0	1525.6	1525.6	1	-0.3	-0.3	-0.3	1	20.29	0.00	20.39	20.29	1	-0.30	-0.30	-0.30
30.	1	1525.5	0.0	1525.5	1525.5	1	-0.3	-0.3	-0.3	1	20.19	0.00	20.19	20.19	1	-0.30	-0.30	-0.30
50.	1	1522.7	0.0	1522.7	1522.7	1	-4.5	-4.5	-4.5	1	19.20	0.00	19.20	19.20	1	-1.57	-1.57	-1.57
75.	1	1522.5	0.0	1522.5	1522.5	1	-0.1	-0.1	-0.1	1	18.96	0.00	18.96	18.96	1	-0.25	-0.25	-0.25
100.	1	1522.1	0.0	1522.1	1522.1	1	-0.5	-0.5	-0.5	1	18.69	0.00	18.69	18.69	1	-0.33	-0.33	-0.33
125.	1	1521.4	0.0	1521.4	1521.4	1	-0.9	-0.9	-0.9	1	18.33	0.00	18.33	18.33	1	-0.44	-0.44	-0.44
150.	1	1520.7	0.0	1520.7	1520.7	1	-0.9	-0.9	-0.9	1	17.97	0.00	17.97	17.97	1	-0.44	-0.44	-0.44
200.	1	1519.3	0.0	1519.3	1519.3	1	-0.8	-0.8	-0.8	1	17.28	0.00	17.28	17.28	1	-0.42	-0.42	-0.42
250.	1	1518.6	0.0	1518.6	1518.6	1	-0.4	-0.4	-0.4	1	16.81	0.00	16.81	16.81	1	-0.28	-0.28	-0.28
300.	1	1517.8	0.0	1517.8	1517.8	1	-0.5	-0.5	-0.5	1	16.28	0.00	16.28	16.28	1	-0.32	-0.32	-0.32
400.	1	1515.2	0.0	1515.2	1515.2	1	-0.8	-0.8	-0.8	1	15.00	0.00	15.00	15.00	1	-0.39	-0.39	-0.39
500.	1	1512.5	0.0	1512.5	1512.5	1	-0.8	-0.8	-0.8	1	13.71	0.00	13.71	13.71	1	-0.39	-0.39	-0.39
600.	1	1509.0	0.0	1509.0	1509.0	1	-1.1	-1.1	-1.1	1	12.25	0.00	12.25	12.25	1	-0.45	-0.45	-0.45
700.	1	1507.0	0.0	1507.0	1507.0	1	-0.6	-0.6	-0.6	1	11.22	0.00	11.22	11.22	1	-0.31	-0.31	-0.31
800.	1	1505.1	0.0	1505.1	1505.1	1	-0.6	-0.6	-0.6	1	10.26	0.00	10.26	10.26	1	-0.29	-0.29	-0.29
900.	1	1503.5	0.0	1503.5	1503.5	1	-0.5	-0.5	-0.5	1	9.37	0.00	9.37	9.37	1	-0.27	-0.27	-0.27
1000.	1	1502.1	0.0	1502.1	1502.1	1	-0.4	-0.4	-0.4	1	8.56	0.00	8.56	8.56	1	-0.25	-0.25	-0.25
1100.	1	1501.2	0.0	1501.2	1501.2	1	-0.3	-0.3	-0.3	1	7.89	0.00	7.89	7.89	1	-0.20	-0.20	-0.20
1200.	1	1500.4	0.0	1500.4	1500.4	1	-0.2	-0.2	-0.2	1	7.27	0.00	7.27	7.27	1	-0.19	-0.19	-0.19
1300.	1	1499.8	0.0	1499.8	1499.8	1	-0.2	-0.2	-0.2	1	6.70	0.00	6.70	6.70	1	-0.17	-0.17	-0.17
1400.	1	1499.4	0.0	1499.4	1499.4	1	-0.1	-0.1	-0.1	1	6.17	0.00	6.17	6.17	1	-0.16	-0.16	-0.16
1500.	1	1499.1	0.0	1499.1	1499.1	1	0.0	0.0	0.0	1	5.70	0.00	5.70	5.70	1	-0.11	-0.11	-0.11
1750.	1	1499.2	0.0	1499.2	1499.2	1	0.0	0.0	0.0	1	4.73	0.00	4.73	4.73	1	-0.12	-0.12	-0.12
2000.	1	1500.4	0.0	1500.4	1500.4	1	0.2	0.2	0.2	1	4.01	0.00	4.01	4.01	1	-0.06	-0.06	-0.06
2500.	1	1505.6	0.0	1505.6	1505.6	1	0.3	0.3	0.3	1	3.26	0.00	3.26	3.26	1	-0.03	-0.03	-0.03
3000.	1	1512.0	0.0	1512.0	1512.0	1	0.4	0.4	0.4	1	2.76	0.00	2.76	2.76	1	-0.02	-0.02	-0.02
4000.	1	1528.0	0.0	1528.0	1528.0	1	0.5	0.5	0.5	1	2.42	0.00	2.42	2.42	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 76 FOR MONTH 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	1	1528.5	0.0	1528.5	1528.5	0	0.0	0.0	0.0	1	21.43	0.00	21.43	21.43	0	0.00	0.00	0.00		
10.	1	1528.6	0.0	1528.6	1528.6	1	0.3	0.3	0.3	1	21.43	0.00	21.43	21.43	1	0.00	0.00	0.00		
20.	1	1528.8	0.0	1528.8	1528.8	1	0.6	0.6	0.6	1	21.42	0.00	21.42	21.42	1	-0.03	-0.03	-0.03		
30.	1	1528.9	0.0	1528.9	1528.9	1	0.3	0.3	0.3	1	21.42	0.00	21.42	21.42	1	0.00	0.00	0.00		
50.	1	1529.2	0.0	1529.2	1529.2	1	0.4	0.4	0.4	1	21.40	0.00	21.40	21.40	1	-0.04	-0.04	-0.04		
75.	1	1529.0	0.0	1529.0	1529.0	1	-0.2	-0.2	-0.2	1	21.14	0.00	21.14	21.14	1	-0.32	-0.32	-0.32		
100.	1	1527.5	0.0	1527.5	1527.5	1	-2.4	-2.4	-2.4	1	20.48	0.00	20.48	20.48	1	-0.98	-0.98	-0.98		
125.	1	1525.4	0.0	1525.4	1525.4	1	-2.6	-2.6	-2.6	1	19.62	0.00	19.62	19.62	1	-1.05	-1.05	-1.05		
150.	1	1522.7	0.0	1522.7	1522.7	1	-3.4	-3.4	-3.4	1	18.58	0.00	18.58	18.58	1	-1.31	-1.31	-1.31		
200.	1	1519.2	0.0	1519.2	1519.2	1	-1.5	-1.5	-1.5	1	17.22	0.00	17.22	17.22	1	-0.59	-0.59	-0.59		
250.	1	1517.1	0.0	1517.1	1517.1	1	-1.3	-1.3	-1.3	1	16.29	0.00	16.29	16.29	1	-0.57	-0.57	-0.57		
300.	1	1515.1	0.0	1515.1	1515.1	1	-1.2	-1.2	-1.2	1	15.45	0.00	15.45	15.45	1	-0.51	-0.51	-0.51		
400.	1	1511.2	0.0	1511.2	1511.2	0	0.0	0.0	0.0	1	13.79	0.00	13.79	13.79	1	-0.51	-0.51	-0.51		
500.	1	1507.8	0.0	1507.8	1507.8	1	-1.0	-1.0	-1.0	1	12.37	0.00	12.37	12.37	1	-0.41	-0.41	-0.41		
600.	1	1503.4	0.0	1503.4	1503.4	1	-0.7	-0.7	-0.7	1	11.23	0.00	11.23	11.23	1	-0.33	-0.33	-0.33		
700.	1	1503.3	0.0	1503.3	1503.3	1	-0.6	-0.6	-0.6	1	10.23	0.00	10.23	10.23	1	-0.30	-0.30	-0.30		
800.	1	1500.3	0.0	1500.3	1500.3	1	-0.9	-0.9	-0.9	1	8.99	0.00	8.99	8.99	1	-0.38	-0.38	-0.38		
900.	1	1498.0	0.0	1498.0	1498.0	1	-0.4	-0.4	-0.4	1	7.98	0.00	7.98	7.98	1	-0.23	-0.23	-0.23		
1000.	1	1497.0	0.0	1497.0	1497.0	1	-0.3	-0.3	-0.3	1	7.29	0.00	7.29	7.29	1	-0.21	-0.21	-0.21		
1100.	1	1496.8	0.0	1496.8	1496.8	1	-0.1	-0.1	-0.1	1	6.81	0.00	6.81	6.81	1	-0.15	-0.15	-0.15		
1200.	1	1497.6	0.0	1497.6	1497.6	1	0.4	0.4	0.4	1	6.58	0.00	6.58	6.58	1	-0.03	-0.03	-0.03		
1300.	1	1498.0	0.0	1498.0	1498.0	1	0.1	0.1	0.1	1	6.27	0.00	6.27	6.27	1	-0.12	-0.12	-0.12		
1400.	1	1498.2	0.0	1498.2	1498.2	1	0.0	0.0	0.0	1	5.89	0.00	5.89	5.89	1	-0.11	-0.11	-0.11		
1500.	1	1498.3	0.0	1498.3	1498.3	1	0.0	0.0	0.0	1	5.51	0.00	5.51	5.51	1	-0.13	-0.13	-0.13		
1750.	1	1498.6	0.0	1498.6	1498.6	1	0.1	0.1	0.1	1	5.59	0.00	5.59	5.59	1	-0.10	-0.10	-0.10		
2000.	1	1500.0	0.0	1500.0	1500.0	1	0.2	0.2	0.2	1	3.94	0.00	3.94	3.94	1	-0.07	-0.07	-0.07		
2500.	1	1505.2	0.0	1505.2	1505.2	1	0.4	0.4	0.4	1	3.15	0.00	3.15	3.15	1	-0.04	-0.04	-0.04		
3000.	1	1512.0	0.0	1512.0	1512.0	1	0.4	0.4	0.4	1	2.75	0.00	2.75	2.75	1	-0.02	-0.02	-0.02		
4000.	1	1528.3	0.0	1528.3	1528.3	1	0.5	0.5	0.5	1	2.47	0.00	2.47	2.47	1	-0.00	-0.00	-0.00		

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 76 FOR MONTH 2

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	3	1526.2	1.8	1528.3	1524.9	0	0.0	0.0	0.0	0.0	3	20.71	0.66	21.47	20.27
10.	3	1526.4	1.8	1528.5	1525.1	3	0.6	0.7	0.3	3	20.72	0.67	21.48	20.26	
20.	3	1526.6	1.9	1528.7	1525.2	3	0.5	0.6	0.3	3	20.71	0.67	21.48	20.24	
30.	3	1526.7	1.9	1528.9	1525.3	3	0.5	0.6	0.3	3	20.71	0.68	21.49	20.21	
40.	3	1527.0	1.9	1529.2	1525.5	3	0.4	0.6	0.3	3	20.69	0.70	21.49	20.16	
75.	3	1527.3	2.0	1529.6	1525.8	3	0.4	0.5	0.2	3	20.66	0.73	21.49	20.14	
100.	3	1526.1	1.5	1527.7	1524.7	3	-1.7	-2.3	-2.7	3	20.57	0.54	20.66	19.59	
125.	3	1526.4	1.6	1526.0	1522.8	3	-2.0	-1.6	-2.3	3	19.38	0.55	19.91	18.92	
150.	3	1523.1	1.6	1524.5	1521.3	3	-1.7	-1.3	-1.8	3	18.78	0.53	19.25	19.21	
200.	3	1521.5	0.8	1522.3	1520.8	3	-0.6	0.1	-1.3	3	17.99	0.24	18.25	17.78	
250.	3	1520.4	0.3	1520.6	1520.1	3	-0.6	-0.1	-0.8	3	17.38	0.10	17.45	17.26	
300.	3	1519.2	0.9	1520.2	1518.4	3	-0.8	-0.2	-1.2	3	16.74	0.29	17.05	16.47	
400.	3	1515.2	0.6	1515.7	1514.5	3	-1.0	-0.6	-1.8	3	15.62	0.18	15.16	14.81	
500.	3	1511.7	0.3	1512.0	1511.4	3	-1.3	-1.0	-1.5	3	13.51	0.08	13.59	13.42	
600.	3	1508.1	1.0	1509.2	1507.2	3	-1.2	-1.2	-1.2	3	12.61	0.27	12.30	11.77	
700.	3	1504.9	1.5	1506.7	1504.0	3	-0.9	-0.6	-1.2	3	10.69	0.42	11.17	10.43	
800.	3	1501.2	2.3	1503.6	1499.1	3	-1.4	-1.0	-1.7	3	9.27	0.61	9.92	8.70	
900.	3	1497.9	2.1	1499.9	1495.8	3	-0.8	-0.5	-1.1	3	7.99	0.54	8.53	7.45	
1000.	3	1497.0	2.8	1500.0	1494.5	3	0.0	0.3	-0.4	3	7.34	0.71	8.10	6.70	
1100.	3	1496.9	2.9	1499.6	1493.9	3	-0.1	0.2	-0.2	3	6.66	0.70	7.54	6.14	
1200.	3	1496.8	1.8	1498.0	1494.7	3	-0.1	0.2	-0.7	3	6.41	0.43	6.70	5.92	
1300.	3	1496.9	1.4	1498.1	1495.4	3	0.1	0.2	-0.2	3	6.03	0.32	6.31	5.68	
1400.	3	1497.2	1.1	1498.2	1496.0	3	0.0	0.1	-0.1	3	5.68	0.26	5.91	5.40	
1500.	3	1497.3	0.8	1497.9	1496.4	3	0.0	0.1	-0.1	3	5.29	0.17	5.43	5.10	
1750.	3	1498.0	0.6	1498.4	1497.3	3	0.2	0.3	0.1	3	4.46	0.14	4.56	4.30	
2000.	3	1499.4	0.3	1500.0	1499.5	3	0.3	0.3	0.2	3	3.89	0.06	3.94	3.82	
2500.	3	1505.2	0.1	1505.3	1505.1	3	0.4	0.4	0.3	3	3.19	0.03	3.21	3.15	
3000.	3	1512.2	0.3	1512.4	1511.9	3	0.5	0.6	0.5	3	2.60	0.06	2.66	2.47	
4000.	1	1528.2	0.0	1528.2	15.8.2	1	0.5	0.5	0.5	1	2.47	0.00	2.47	2.47	
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 76 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
20.	1	1539.7	0.0	1539.7	1539.7	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00
30.	1	1539.7	0.0	1539.7	1539.7	0	25.73	0.00	25.73	25.73	0	0.00	0.00	0.00
40.	1	1535.3	0.0	1535.3	1535.3	1	25.68	0.00	25.68	25.68	1	-1.22	-1.22	-1.22
50.	1	1535.3	0.0	1535.3	1535.3	1	23.78	0.00	23.78	23.78	1	-3.05	-3.05	-3.05
75.	1	1530.7	0.0	1530.7	1530.7	1	21.85	0.00	21.85	21.85	1	-1.52	-1.52	-1.52
100.	1	1528.2	0.0	1528.2	1528.2	1	20.77	0.00	20.77	20.77	1	-0.91	-0.91	-0.91
125.	1	1526.7	0.0	1526.7	1526.7	1	20.09	0.00	20.09	20.09	1	-0.83	-0.83	-0.83
150.	1	1525.3	0.0	1525.3	1525.3	1	19.47	0.00	19.47	19.47	1	-0.69	-0.69	-0.69
200.	1	1522.8	0.0	1522.8	1522.8	1	18.39	0.00	18.39	18.39	1	-0.63	-0.63	-0.63
250.	1	1520.7	0.0	1520.7	1520.7	1	17.44	0.00	17.44	17.44	1	-0.58	-0.58	-0.58
300.	1	1518.9	0.0	1518.9	1518.9	1	16.63	0.00	16.63	16.63	1	-0.47	-0.47	-0.47
400.	1	1516.6	0.0	1516.6	1516.6	1	15.45	0.00	15.45	15.45	1	-0.23	-0.23	-0.23
500.	1	1513.5	0.0	1513.5	1513.5	1	14.03	0.00	14.03	14.03	1	-0.64	-0.64	-0.64
600.	1	1509.3	0.0	1509.3	1509.3	1	12.35	0.00	12.35	12.35	1	-0.35	-0.35	-0.35
700.	1	1506.4	0.0	1506.4	1506.4	1	11.08	0.00	11.08	11.08	1	-0.46	-0.46	-0.46
800.	1	1503.0	0.0	1503.0	1503.0	1	9.71	0.00	9.71	9.71	1	-0.39	-0.39	-0.39
900.	1	1499.8	0.0	1499.8	1499.8	1	8.46	0.00	8.46	8.46	1	-0.39	-0.39	-0.39
1000.	1	1497.4	0.0	1497.4	1497.4	1	7.41	0.00	7.41	7.41	1	-0.32	-0.32	-0.32
1100.	1	1496.2	0.0	1496.2	1496.2	1	6.69	0.00	6.69	6.69	1	-0.17	-0.17	-0.17
1200.	1	1496.1	0.0	1496.1	1496.1	1	6.24	0.00	6.24	6.24	1	-0.11	-0.11	-0.11
1300.	1	1496.2	0.0	1496.2	1496.2	1	5.85	0.00	5.85	5.85	1	-0.12	-0.12	-0.12
1400.	1	1496.3	0.0	1496.3	1496.3	1	5.47	0.00	5.47	5.47	1	-0.11	-0.11	-0.11
1500.	1	1496.5	0.0	1496.5	1496.5	1	5.10	0.00	5.10	5.10	1	-0.11	-0.11	-0.11
1750.	1	1497.6	0.0	1497.6	1497.6	1	4.37	0.00	4.37	4.37	1	-0.04	-0.04	-0.04

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 76 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN
0.	1	1540.2	0.0	1540.2	1540.2	1	0.0	0.0	0.0	26.30	26.30	0.00	0.00	0.00
10.	1	1540.5	0.0	1540.5	1540.5	1	0.9	0.9	0.9	26.34	26.34	0.00	0.12	0.12
20.	1	1540.4	0.0	1540.4	1540.4	1	-0.3	-0.3	-0.3	26.24	26.24	0.00	-0.30	-0.30
30.	1	1537.9	0.0	1537.9	1537.9	1	-14.6	-14.6	-14.6	25.10	25.10	0.00	-6.64	-6.64
40.	1	1530.4	0.0	1530.4	1530.4	1	-11.4	-11.4	-11.4	21.91	21.91	0.00	-4.86	-4.86
50.	1	1527.1	0.0	1527.1	1527.1	1	-4.0	-4.0	-4.0	20.57	20.57	0.00	-1.63	-1.63
75.	1	1525.7	0.0	1525.7	1525.7	1	-1.7	-1.7	-1.7	19.91	19.91	0.00	-0.80	-0.80
100.	1	1523.9	0.0	1523.9	1523.9	1	-2.2	-2.2	-2.2	19.18	19.18	0.00	-0.89	-0.89
125.	1	1522.5	0.0	1522.5	1522.5	1	-1.7	-1.7	-1.7	18.57	18.57	0.00	-0.74	-0.74
150.	1	1520.6	0.0	1520.6	1520.6	1	-1.2	-1.2	-1.2	17.68	17.68	0.00	-0.54	-0.54
200.	1	1518.7	0.0	1518.7	1518.7	1	-1.2	-1.2	-1.2	16.92	16.92	0.00	-0.52	-0.52
250.	1	1516.8	0.0	1516.8	1516.8	1	-1.2	-1.2	-1.2	15.98	15.98	0.00	-0.51	-0.51
300.	1	1513.2	0.0	1513.2	1513.2	1	-1.1	-1.1	-1.1	14.40	14.40	0.00	-0.48	-0.48
400.	1	1509.6	0.0	1509.6	1509.6	1	-1.1	-1.1	-1.1	12.90	12.90	0.00	-0.46	-0.46
500.	1	1506.5	0.0	1506.5	1506.5	1	-0.9	-0.9	-0.9	11.58	11.58	0.00	-0.40	-0.40
600.	1	1504.4	0.0	1504.4	1504.4	1	-0.6	-0.6	-0.6	10.54	10.54	0.00	-0.32	-0.32
700.	1	1502.2	0.0	1502.2	1502.2	1	-0.7	-0.7	-0.7	9.51	9.51	0.00	-0.31	-0.31
800.	1	1499.6	0.0	1499.6	1499.6	1	-0.8	-0.8	-0.8	8.39	8.39	0.00	-0.34	-0.34
900.	1	1497.9	0.0	1497.9	1497.9	1	-0.5	-0.5	-0.5	7.52	7.52	0.00	-0.27	-0.27
1000.	1	1497.5	0.0	1497.5	1497.5	1	-0.1	-0.1	-0.1	7.00	7.00	0.00	-0.16	-0.16
1100.	1	1497.3	0.0	1497.3	1497.3	1	-0.1	-0.1	-0.1	6.52	6.52	0.00	-0.15	-0.15
1200.	1	1497.3	0.0	1497.3	1497.3	1	0.0	0.0	0.0	6.09	6.09	0.00	-0.13	-0.13
1300.	1	1497.4	0.0	1497.4	1497.4	1	0.0	0.0	0.0	5.71	5.71	0.00	-0.12	-0.12
1400.	1	1497.7	0.0	1497.7	1497.7	1	0.1	0.1	0.1	5.38	5.38	0.00	-0.10	-0.10
1500.	1	1497.7	0.0	1497.7	1497.7	1	0.1	0.1	0.1	5.38	5.38	0.00	-0.10	-0.10

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 77 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	2	1532.5	1.5	1533.5	1531.4	0	0.0		0.0	0.0	3	23.66	1.22	24.96	22.54	
10.	2	1532.6	1.5	1533.6	1531.5	2	0.0		0.0	0.0	3	23.63	1.23	24.93	22.49	
20.	2	1532.7	1.6	1533.8	1531.5	2	0.3		0.6	0.6	3	23.57	1.19	24.81	22.43	
30.	2	1532.8	1.8	1534.1	1531.5	2	0.6		1.1	1.1	3	23.52	1.14	24.66	22.38	
40.	2	1533.0	2.1	1534.5	1531.5	2	0.3		0.6	0.6	3	23.23	0.86	23.91	22.26	
50.	2	1533.2	2.3	1534.8	1531.5	2	0.2		0.4	0.4	3	22.58	0.77	23.47	22.12	
60.	2	1532.4	1.3	1533.3	1531.5	2	-2.2		-4.4	-4.4	3	21.76	1.10	22.74	20.57	
70.	2	1528.5	1.8	1529.7	1527.2	2	-4.8		-4.4	-5.2	3	20.65	0.51	21.24	20.32	
80.	2	1525.4	0.7	1526.4	1525.4	2	-3.1		-2.2	-4.0	3	19.81	0.22	19.98	19.57	
90.	2	1522.0	0.9	1522.6	1521.3	2	-2.0		-1.7	-2.2	3	18.27	0.32	18.54	17.91	
100.	2	1519.7	2.6	1521.5	1517.8	2	-1.4		-0.7	-2.1	3	16.14	0.77	17.71	16.26	
110.	2	1517.3	3.8	1520.0	1514.6	2	-1.4		-0.9	-2.0	2	16.15	1.17	16.97	15.32	
120.	2	1512.3	5.2	1515.9	1508.6	2	-1.6		-1.2	-1.9	2	14.16	1.51	15.22	13.09	
130.	2	1508.5	5.0	1512.0	1504.9	2	-1.2		-1.1	-1.2	2	12.58	1.42	13.58	11.57	
140.	2	1503.6	6.2	1507.8	1499.0	2	-1.9		-1.3	-2.5	2	10.75	1.68	11.93	9.56	
150.	2	1498.3	7.5	1503.6	1493.0	2	-1.2		-1.2	-1.3	2	8.98	1.92	10.34	7.62	
160.	2	1494.7	6.2	1494.0	1490.3	2	-1.1		-0.8	-1.4	2	7.61	1.53	8.69	6.53	
170.	2	1492.2	3.9	1494.9	1489.4	2	-0.3		0.1	-0.6	2	6.57	0.94	7.23	5.90	
180.	2	1491.8	2.5	1493.5	1490.0	2	0.1		0.2	0.2	2	6.05	0.60	6.47	5.62	
190.	2	1491.9	1.2	1492.7	1491.0	2	0.1		0.4	-0.2	2	5.66	0.28	5.86	5.46	
200.	2	1492.5	0.3	1492.7	1492.3	2	0.5		0.6	0.4	2	5.39	0.06	5.43	5.35	
210.	2	1493.2	0.6	1493.6	1492.7	2	0.0		0.3	-0.2	2	5.13	0.16	5.24	5.02	
220.	2	1493.6	1.3	1494.5	1492.6	2	0.3		0.6	-0.0	2	4.82	0.31	5.04	4.60	
230.	2	1494.6	1.1	1495.3	1493.8	2	0.4		0.5	0.2	2	4.65	0.25	4.92	4.47	
240.	2	1496.4	0.2	1496.5	1496.2	2	0.1		0.2	0.1	2	4.09	0.04	4.12	4.06	
250.	2	1498.6	0.1	1498.6	1498.5	2	0.2		0.3	0.3	2	3.61	0.02	3.62	3.59	
260.	1	1504.5	0.0	1504.5	1504.5	1	0.4		0.4	0.4	1	3.01	0.00	3.01	3.01	
270.	1	1511.5	0.0	1511.5	1511.5	1	0.6		0.6	0.6	1	2.64	0.00	2.64	2.64	

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 77 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1533.4	1.6	1535.4	1532.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	1	1533.4	1.7	1535.4	1532.4	3	0.1	0.3	0.3	0.3	3	-0.04	-0.12	-0.15
20.	1	1534.0	1.7	1535.4	1532.4	3	0.2	0.3	0.3	0.3	3	-0.04	-0.12	-0.15
30.	1	1534.1	1.8	1536.0	1532.4	3	0.2	0.6	0.6	0.6	3	-0.11	-0.18	-0.18
40.	1	1534.2	2.0	1536.2	1532.2	3	0.3	0.5	0.3	0.3	3	-0.07	-0.10	-0.12
50.	1	1534.3	2.0	1536.4	1532.4	3	0.2	0.2	0.1	0.1	3	-0.13	-0.10	-0.17
60.	1	1533.4	1.7	1534.6	1531.5	3	-2.8	-2.2	-3.0	-3.0	3	-1.43	-1.07	-1.83
75.	1	1530.8	1.9	1532.7	1528.3	3	-3.2	-2.1	-4.1	-4.1	3	-1.36	-1.09	-1.71
100.	1	1528.3	2.1	1530.7	1526.7	3	-3.0	-2.4	-3.9	-3.9	3	-1.27	-1.10	-1.57
125.	1	1523.5	2.3	1526.0	1521.5	3	-2.4	-1.2	-3.0	-3.0	3	-1.05	-0.58	-1.37
150.	1	1519.8	3.2	1522.3	1516.2	3	-2.2	-1.3	-3.2	-3.2	3	-0.85	-0.57	-1.15
175.	1	1516.7	3.4	1519.1	1512.4	3	-0.9	-1.0	-1.6	-1.6	3	-0.56	-0.41	-0.65
200.	1	1512.2	2.4	1514.1	1509.5	3	-1.3	-0.6	-1.8	-1.8	3	-0.50	-0.50	-0.70
250.	1	1507.4	2.3	1510.1	1505.6	2	-1.2	-1.2	-1.2	-1.2	3	-0.91	-0.48	-1.77
300.	1	1503.6	2.1	1506.0	1502.1	2	-1.2	-1.2	-1.3	-1.3	3	-1.04	-0.37	-2.25
350.	1	1499.8	1.9	1502.0	1498.4	2	-1.1	-0.9	-1.2	-1.2	3	-0.47	-0.37	-0.57
400.	1	1496.7	1.8	1498.6	1495.0	3	-0.9	-0.6	-1.0	-1.0	3	-0.38	-0.37	-0.39
450.	1	1494.1	1.8	1496.0	1492.4	3	-0.8	-0.7	-0.9	-0.9	3	-0.32	-0.31	-0.33
500.	1	1492.5	1.4	1494.3	1490.8	3	-0.5	-0.5	-0.5	-0.5	3	-0.20	-0.18	-0.24
550.	1	1492.3	1.3	1493.7	1491.7	3	-0.0	-0.2	-0.2	-0.2	3	-0.13	-0.08	-0.17
600.	1	1492.4	0.9	1493.8	1491.7	3	0.2	0.3	0.2	0.2	3	-0.10	-0.08	-0.11
650.	1	1492.4	0.4	1493.8	1492.8	3	0.2	0.2	0.1	0.1	3	-0.09	-0.08	-0.10
700.	1	1492.4	0.7	1494.2	1493.4	3	0.1	0.2	0.1	0.2	3	-0.07	-0.08	-0.09
750.	1	1494.1	0.7	1494.8	1493.4	3	0.2	0.2	0.2	0.2	3	-0.08	-0.07	-0.09
800.	1	1496.1	0.6	1496.6	1495.5	3	0.3	0.3	0.3	0.3	3	-0.05	-0.05	-0.06
850.	1	1498.7	0.4	1499.0	1498.3	3	0.4	0.4	0.4	0.4	3	-0.04	-0.03	-0.04
900.	1	1504.7	0.3	1505.2	1504.7	3	0.4	0.4	0.3	0.3	3	-0.03	-0.03	-0.03

SUMMARY FOR QUADANT 1 OF MAXSDEN SQUARE 77 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN
0.	1	1543.4	0.0	1543.4	1543.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	1	1543.6	0.0	1543.6	1543.6	1	0.6	0.6	0.6	0.6	1	0.09	0.09	0.09
20.	1	1543.1	0.0	1543.1	1543.1	1	-1.5	-1.5	-1.5	-1.5	1	-1.13	-1.13	-1.13
30.	1	1540.7	0.0	1540.7	1540.7	1	-11.0	-11.0	-11.0	-11.0	1	-5.00	-5.00	-5.00
50.	1	1535.3	0.0	1535.3	1535.3	1	-8.2	-8.2	-8.2	-8.2	1	-3.63	-3.63	-3.63
75.	1	1533.2	0.0	1533.2	1533.2	1	-2.6	-2.6	-2.6	-2.6	1	-1.23	-1.23	-1.23
100.	1	1532.4	0.0	1532.4	1532.4	1	-1.0	-1.0	-1.0	-1.0	1	-0.59	-0.59	-0.59
125.	1	1531.5	0.0	1531.5	1531.5	1	-1.1	-1.1	-1.1	-1.1	1	-0.62	-0.62	-0.62
150.	1	1529.7	0.0	1529.7	1529.7	1	-2.2	-2.2	-2.2	-2.2	1	-0.99	-0.99	-0.99
200.	1	1523.0	0.0	1523.0	1523.0	1	-4.1	-4.1	-4.1	-4.1	1	-1.55	-1.55	-1.55
250.	1	1521.4	0.0	1521.4	1521.4	1	-1.0	-1.0	-1.0	-1.0	1	-0.49	-0.49	-0.49
300.	1	1519.7	0.0	1519.7	1519.7	1	-1.0	-1.0	-1.0	-1.0	1	-0.49	-0.49	-0.49
400.	1	1516.0	0.0	1516.0	1516.0	1	-1.1	-1.1	-1.1	-1.1	1	-0.50	-0.50	-0.50
500.	1	1511.3	0.0	1511.3	1511.3	1	-1.4	-1.4	-1.4	-1.4	1	-0.56	-0.56	-0.56
600.	1	1507.4	0.0	1507.4	1507.4	1	-1.2	-1.2	-1.2	-1.2	1	-0.48	-0.48	-0.48
700.	1	1504.5	0.0	1504.5	1504.5	1	-0.9	-0.9	-0.9	-0.9	1	-0.38	-0.38	-0.38
800.	1	1501.9	0.0	1501.9	1501.9	1	-0.8	-0.8	-0.8	-0.8	1	-0.34	-0.34	-0.34
900.	1	1500.0	0.0	1500.0	1500.0	1	-0.6	-0.6	-0.6	-0.6	1	-0.28	-0.28	-0.28
1000.	1	1498.0	0.0	1498.0	1498.0	1	-0.6	-0.6	-0.6	-0.6	1	-0.28	-0.28	-0.28
1100.	1	1495.4	0.0	1495.4	1495.4	1	-0.4	-0.4	-0.4	-0.4	1	-0.32	-0.32	-0.32
1200.	1	1493.7	0.0	1493.7	1493.7	1	-0.5	-0.5	-0.5	-0.5	1	-0.25	-0.25	-0.25
1300.	1	1493.2	0.0	1493.2	1493.2	1	-0.2	-0.2	-0.2	-0.2	1	-0.17	-0.17	-0.17
1400.	1	1493.7	0.0	1493.7	1493.7	1	0.2	0.2	0.2	0.2	1	-0.09	-0.09	-0.09
1500.	1	1493.3	0.0	1493.3	1493.3	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 77 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1540.6	0.4	1541.0	1540.2	0	0.0	0.0	0.0	3	26.34	0.18	26.7	26.18	0	0.00	0.00	0.00
10.	3	1540.4	1.1	1541.2	1539.1	3	-0.9	0.7	-3.7	3	26.17	0.45	26.54	25.66	3	-0.58	0.03	-1.76
20.	3	1540.1	1.9	1541.4	1537.9	3	-0.8	0.6	-3.7	3	25.98	0.77	26.54	25.10	3	-0.56	0.03	-1.71
30.	3	1539.8	2.7	1541.6	1536.7	3	-0.8	0.6	-3.7	3	25.80	1.09	26.53	24.55	3	-0.56	0.03	-1.68
50.	3	1539.3	4.3	1542.0	1534.3	3	-1.6	0.3	-6.1	3	25.46	1.70	26.53	23.50	3	-0.60	0.03	-1.63
75.	3	1534.9	3.2	1537.6	1531.4	3	-5.4	-3.5	-7.7	3	23.50	1.19	24.51	22.19	3	-2.39	-1.60	-3.34
100.	3	1531.0	2.8	1534.1	1528.7	2	-5.2	-4.3	-6.1	3	21.86	0.99	22.96	21.02	2	-1.71	-1.52	-1.89
125.	3	1528.5	2.9	1531.8	1526.2	3	-3.0	-2.8	-3.3	3	20.81	1.02	21.96	19.99	3	-1.28	-1.22	-1.37
150.	3	1526.4	2.9	1529.7	1524.1	3	-2.6	-2.6	-2.8	3	19.89	1.02	21.04	19.11	3	-1.12	-1.07	-1.17
200.	3	1523.0	2.7	1526.0	1521.1	3	-0.8	-2.3	-2.3	3	18.45	0.88	19.47	17.84	3	-0.50	-0.23	-0.96
250.	3	1521.7	1.6	1523.5	1520.4	3	-0.8	-0.3	-1.5	3	17.60	0.51	18.37	17.38	3	-0.41	-0.27	-0.67
300.	3	1520.2	1.0	1521.2	1519.3	2	-1.5	-1.4	-1.5	3	17.03	0.29	17.35	15.77	3	-0.56	-0.46	-0.62
400.	3	1516.0	0.9	1517.0	1515.4	3	-1.4	-1.3	-1.5	3	15.26	0.27	15.56	15.06	3	-0.52	-0.46	-0.57
500.	3	1512.3	1.2	1513.7	1511.5	3	-0.9	-0.7	-1.0	3	13.65	0.37	14.08	13.43	3	-0.42	-0.41	-0.45
600.	3	1507.9	0.4	1508.3	1507.6	3	-1.5	-1.4	-1.6	3	11.96	0.10	12.07	11.88	3	-0.57	-0.53	-0.61
700.	3	1503.5	1.2	1504.9	1502.8	3	-1.7	-1.0	-2.3	3	10.31	0.31	10.67	10.12	3	-0.57	-0.43	-0.69
800.	3	1498.6	1.2	1499.8	1497.5	3	-1.2	-0.8	-1.6	3	8.58	0.29	8.89	8.31	3	-0.44	-0.35	-0.54
900.	3	1496.0	1.5	1497.3	1494.4	3	-0.6	-0.5	-0.8	3	7.50	0.37	7.83	7.10	3	-0.28	-0.24	-0.32
1000.	3	1494.2	0.9	1494.9	1493.2	3	-0.5	-0.3	-0.8	3	6.64	0.23	6.81	6.38	3	-0.25	-0.19	-0.33
1100.	3	1493.3	0.8	1494.2	1492.6	3	-0.2	-0.2	-0.5	3	5.99	0.21	6.22	5.82	3	-0.18	-0.10	-0.24
1200.	3	1493.2	0.6	1493.9	1492.8	3	0.0	0.1	-0.0	3	5.56	0.14	5.73	5.47	3	-0.12	-0.11	-0.14
1300.	3	1493.6	0.4	1494.0	1493.2	3	0.1	0.2	0.0	3	5.24	0.10	5.35	5.15	3	-0.10	-0.08	-0.12
1400.	3	1494.0	0.4	1494.4	1493.6	3	0.1	0.2	0.1	3	4.95	0.09	5.03	4.85	3	-0.09	-0.08	-0.10
1500.	3	1494.7	0.5	1495.0	1494.2	3	0.2	0.3	0.2	3	4.70	0.11	4.77	4.58	3	-0.08	-0.06	-0.09
1750.	3	1496.7	0.7	1497.4	1496.0	3	0.2	0.3	0.2	3	4.17	0.16	4.33	4.01	3	-0.07	-0.06	-0.08
2000.	3	1499.0	0.4	1499.3	1498.5	3	0.2	0.3	0.2	3	3.71	0.10	3.79	3.60	3	-0.06	-0.05	-0.07
2500.	3	1504.7	0.1	1504.8	1504.7	3	0.5	0.7	0.4	3	3.07	0.02	3.09	3.05	3	-0.03	-0.03	-0.03
3000.	3	1511.8	0.2	1511.9	1511.6	3	0.5	0.5	0.4	3	2.70	0.04	2.74	2.66	3	-0.02	-0.01	-0.02
4000.	2	1528.3	0.2	1528.4	1528.1	2	0.5	0.5	0.5	2	2.48	0.04	2.51	2.45	2	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 77 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1538.2	2.4	1539.9	1536.5	0	0.0	0.0	2	25.45	0.81	26.02	24.88	0	0.00	0.00	0.00
10.	2	1538.2	2.5	1540.0	1536.4	2	-0.0	0.3	2	25.41	0.88	26.03	24.78	2	-0.15	0.03	-0.34
20.	2	1538.2	2.5	1539.9	1536.4	2	-0.2	-0.3	2	25.28	0.83	25.87	24.69	2	-0.38	-0.17	-0.49
30.	2	1538.1	2.3	1539.7	1536.4	2	-0.3	-0.6	2	25.17	0.79	25.73	24.61	2	-0.30	-0.18	-0.43
50.	2	1538.0	2.2	1539.5	1536.4	2	-0.2	-0.3	2	24.96	0.74	25.48	24.44	2	-0.34	-0.30	-0.33
75.	2	1537.5	1.8	1538.8	1536.2	2	-1.6	-0.2	2	24.57	0.62	25.01	24.13	2	-0.93	-0.38	-1.47
100.	2	1536.0	0.8	1536.6	1535.4	2	-2.9	-2.7	2	23.74	0.23	23.90	23.57	2	-1.58	-1.34	-1.83
125.	2	1533.8	2.5	1535.5	1532.0	2	-2.5	-0.9	2	22.71	0.85	23.31	22.11	2	-1.17	-0.56	-1.78
150.	2	1531.7	4.2	1534.7	1528.7	2	-2.0	-4.0	2	21.78	1.47	22.82	20.74	2	-1.04	-0.41	-1.67
200.	2	1527.1	6.6	1531.8	1522.4	2	-4.2	-3.8	2	19.89	2.24	21.47	18.30	2	-1.62	-1.49	-1.75
250.	2	1521.2	5.8	1525.3	1517.1	2	-2.6	-1.2	2	17.64	1.87	18.96	16.31	2	-1.10	-0.67	-1.53
300.	2	1517.5	4.5	1520.7	1514.3	2	-2.1	-1.7	2	16.21	1.41	17.21	15.21	2	-0.80	-0.57	-0.94
400.	2	1511.7	3.8	1514.4	1509.0	2	-1.7	-1.6	2	13.98	1.12	14.77	13.18	2	-0.64	-0.62	-0.67
500.	2	1507.1	4.5	1510.3	1503.9	2	-1.3	-1.0	2	12.21	1.24	13.09	11.33	2	-0.51	-0.46	-0.57
600.	2	1502.3	4.5	1505.4	1499.1	2	-1.8	-1.5	2	10.44	1.17	11.27	9.61	2	-0.63	-0.52	-0.74
700.	2	1497.1	2.5	1498.9	1495.3	2	-1.3	-1.2	2	6.66	0.64	9.11	8.21	2	-0.49	-0.43	-0.56
800.	2	1493.7	1.1	1494.5	1492.9	1	-0.4	-0.4	2	7.38	0.26	7.56	7.19	2	-0.28	-0.21	-0.35
900.	2	1492.0	0.2	1492.1	1491.8	1	-0.2	-0.2	2	6.53	0.04	6.56	6.50	2	-0.25	-0.19	-0.30
1000.	2	1491.0	0.8	1491.5	1490.4	2	-0.1	-0.2	2	5.28	0.19	6.01	5.74	2	-0.13	-0.09	-0.17
1100.	2	1491.2	0.4	1491.4	1490.9	2	0.1	0.2	2	5.50	0.08	5.56	5.44	2	-0.11	-0.09	-0.12
1200.	2	1491.5	0.2	1491.6	1491.3	2	0.1	0.1	2	5.16	0.04	5.19	5.13	2	-0.10	-0.09	-0.11
1300.	2	1492.1	0.1	1492.1	1492.0	2	0.3	0.4	2	4.88	0.01	4.89	4.87	2	-0.08	-0.06	-0.09
1400.	2	1492.9	0.1	1492.9	1492.8	2	0.3	0.3	2	4.68	0.01	4.69	4.67	2	-0.05	-0.04	-0.06
1500.	2	1493.9	0.2	1494.0	1493.7	2	0.3	0.3	2	4.51	0.05	4.54	4.47	2	-0.05	-0.05	-0.06
1750.	2	1496.1	0.6	1496.5	1495.6	2	0.3	0.3	2	4.03	0.15	4.13	3.92	2	-0.06	-0.05	-0.07
2000.	1	1497.9	0.0	1497.9	1497.9	1	0.3	0.3	1	3.46	0.00	3.46	3.46	1	-0.05	-0.05	-0.05
2500.	1	1504.3	0.0	1504.3	1504.3	0	0.0	0.0	1	2.96	0.00	2.96	2.96	1	-0.01	-0.01	-0.01
3000.	1	1511.9	0.0	1511.9	1511.9	0	0.0	0.0	1	2.75	0.00	2.75	2.75	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 77 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	2	1541.0	0.4	1541.3	1540.7	0	0.0	0.0	0.0	2	26.53	0.21	26.68	26.38	0	0.00	0.00	0.00		
10.	2	1541.2	0.4	1541.5	1540.9	2	0.7	0.7	0.7	2	26.54	0.21	26.69	26.39	2	0.03	0.03	0.03		
20.	2	1541.4	0.4	1541.6	1541.1	2	0.5	0.6	0.3	2	26.55	0.21	26.70	26.40	2	0.03	0.03	0.03		
30.	2	1541.5	0.4	1541.8	1541.2	2	0.5	0.6	0.3	2	26.55	0.21	26.70	26.40	2	0.00	0.00	0.00		
50.	2	1541.9	0.4	1542.1	1541.6	2	-1.2	0.6	-3.0	2	26.54	0.16	26.65	26.42	2	-1.05	0.03	-2.13		
75.	2	1538.4	0.3	1538.6	1538.2	2	-4.2	-4.1	-4.3	2	24.91	0.15	25.01	24.80	2	-1.99	-1.98	-2.02		
100.	2	1535.2	0.4	1535.4	1534.9	2	-5.3	-4.6	-6.1	2	23.45	0.17	23.57	23.33	2	-1.52	-1.52	-1.83		
125.	2	1532.3	0.6	1532.7	1531.9	2	-3.5	-3.3	-3.7	2	22.20	0.25	22.37	22.02	2	-1.53	-1.46	-1.60		
150.	2	1529.7	0.7	1530.2	1529.2	2	-3.2	-3.0	-3.3	2	21.09	0.30	21.30	20.87	2	-1.35	-1.30	-1.43		
200.	2	1525.5	1.0	1526.2	1524.8	2	-1.5	-1.5	-1.5	2	19.33	0.37	19.59	19.07	2	-0.65	-0.61	-0.69		
250.	2	1523.5	0.8	1524.0	1522.9	2	-1.2	-1.2	-1.3	2	18.35	0.25	18.53	18.17	2	-0.60	-0.55	-0.65		
300.	2	1521.7	0.6	1522.1	1521.2	2	-0.3	-0.5	-0.5	2	17.49	0.21	17.63	17.34	2	-0.41	-0.41	-0.61		
400.	2	1518.5	0.7	1519.0	1518.0	2	-1.3	-1.1	-1.5	2	16.01	0.21	16.15	15.86	2	-0.55	-0.50	-0.61		
500.	2	1514.2	0.7	1514.7	1513.7	2	-1.4	-1.2	-1.5	2	14.22	0.20	14.36	14.08	2	-0.52	-0.43	-0.61		
600.	2	1509.6	0.1	1509.7	1509.5	2	-1.4	-1.2	-1.6	2	12.42	0.03	12.44	12.40	2	-0.60	-0.59	-0.61		
700.	2	1504.5	0.1	1504.5	1504.4	2	-1.2	-1.0	-1.4	2	10.56	0.01	10.56	10.55	2	-0.49	-0.46	-0.53		
800.	2	1499.8	0.6	1500.2	1499.3	2	-1.8	-1.7	-1.8	2	8.90	0.18	9.02	8.77	2	-0.59	-0.57	-0.61		
900.	2	1495.2	0.4	1495.4	1494.9	2	-1.3	-0.8	-1.7	2	7.31	0.10	7.38	7.24	2	-0.42	-0.32	-0.52		
1000.	2	1492.8	0.6	1493.2	1492.3	2	-0.1	-0.1	-0.1	2	6.29	0.16	6.40	6.18	2	-0.18	-0.17	-0.19		
1100.	2	1491.9	0.5	1492.2	1491.5	2	-0.7	-1.5	-1.5	2	5.67	0.12	5.75	5.58	2	-0.29	-0.09	-0.49		
1200.	2	1492.7	0.0	1492.7	1492.7	2	0.3	0.4	0.2	2	5.44	0.01	5.45	5.43	2	-0.09	-0.09	-0.10		
1300.	2	1493.3	0.0	1493.3	1493.3	2	0.2	0.2	0.2	2	5.17	0.01	5.17	5.16	2	-0.08	-0.08	-0.09		
1400.	2	1494.0	0.1	1494.0	1493.9	2	0.2	0.2	0.1	2	4.93	0.01	4.93	4.92	2	-0.07	-0.07	-0.07		
1500.	2	1494.9	0.1	1495.0	1494.8	2	0.3	0.3	0.3	2	4.73	0.03	4.75	4.71	2	-0.05	-0.04	-0.06		
1750.	2	1496.8	0.1	1496.8	1496.7	2	0.2	0.2	0.1	2	4.17	0.00	4.17	4.17	2	-0.08	-0.07	-0.09		
2000.	2	1498.8	0.1	1498.8	1498.7	2	0.3	0.3	0.2	2	3.65	0.03	3.67	3.63	2	-0.06	-0.05	-0.07		
2500.	2	1504.7	0.1	1504.7	1504.6	2	0.4	0.4	0.4	2	3.04	0.03	3.06	3.02	2	-0.03	-0.03	-0.03		
3000.	1	1512.1	0.0	1512.1	1512.1	1	0.4	0.4	0.4	1	2.78	0.00	2.78	2.78	1	-0.01	-0.01	-0.01		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 77 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	0.34	0.34	0.34
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	0.00	0.00	0.00
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	0.00	0.00	0.00
50.	1	1537.1	0.0	1537.1	1537.1	0	0.0	0.0	0.0	0.0	1	0.00	0.00	0.00
75.	1	1533.9	0.0	1533.9	1533.9	1	-6.5	-6.5	-6.5	-6.5	1	-2.57	-2.57	-2.57
100.	1	1528.9	0.0	1528.9	1528.9	1	-5.6	-5.6	-5.6	-5.6	1	-2.36	-2.36	-2.36
125.	1	1527.5	0.0	1527.5	1527.5	1	-3.7	-3.7	-3.7	-3.7	1	-1.58	-1.58	-1.58
150.	1	1524.9	0.0	1524.9	1524.9	1	-3.2	-3.2	-3.2	-3.2	1	-1.27	-1.27	-1.27
200.	1	1522.2	0.0	1522.2	1522.2	1	-1.7	-1.7	-1.7	-1.7	1	-0.70	-0.70	-0.70

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 77 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NC	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	24.87	0.15	25.02	24.73	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	24.99	0.14	25.15	24.88	3	0.37	0.46	0.24
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	25.00	0.13	25.15	24.91	3	0.03	0.09	0.09
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	25.00	0.13	25.15	24.90	3	-0.02	0.06	-0.12
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	25.00	0.16	25.17	24.86	3	-0.01	0.03	-0.06
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	24.55	0.62	24.96	23.84	3	-0.87	-2.01	-2.01
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	23.02	0.78	23.85	22.30	3	-4.01	-1.63	-8.04
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	21.82	0.11	21.94	21.73	3	-1.28	-0.99	-1.95
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	21.00	0.32	21.36	20.74	3	-0.84	-0.71	-1.09
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	19.15	0.57	19.75	18.61	3	-1.17	-0.66	-1.71

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 77 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1529.0	2.0	1531.1	1526.7	0	0.0	0.0	0.0	4	21.67	0.74	22.47	20.81	0	0.00	0.00	0.00
10.	4	1529.0	1.8	1530.6	1526.8	4	0.0	0.7	-1.5	4	21.60	0.65	22.22	20.81	4	-0.19	-0.76	-0.76
20.	4	1529.0	1.7	1530.4	1526.9	4	-0.1	0.3	-1.2	4	21.55	0.59	22.04	20.81	4	-0.17	-0.33	-0.64
30.	4	1529.0	1.5	1530.6	1527.1	4	0.2	0.6	-0.9	4	21.49	0.55	22.03	20.80	4	-0.17	-0.33	-0.58
50.	4	1529.1	1.4	1530.8	1527.4	4	0.5	0.8	0.3	4	21.42	0.52	22.03	20.80	4	-0.06	-0.08	-0.15
75.	4	1529.4	1.4	1531.2	1527.7	4	-0.5	0.5	-3.0	4	21.38	0.52	22.03	20.78	4	-0.19	-0.15	-0.61
100.	4	1528.8	1.8	1531.0	1526.5	4	-1.3	-0.2	-3.4	4	21.02	0.65	21.80	20.22	4	-0.66	-0.28	-1.41
125.	4	1526.7	1.4	1528.6	1525.4	4	-2.5	-1.3	-3.2	4	20.15	0.48	20.81	19.69	4	-1.06	-0.65	-1.26
150.	4	1524.9	1.1	1526.5	1524.1	4	-1.9	-2.6	-2.6	4	19.37	0.38	19.93	19.0	4	-0.94	-0.61	-1.27
200.	4	1522.1	0.8	1523.2	1521.3	4	-1.4	-0.2	-2.0	4	18.18	0.27	18.54	17.30	4	-0.63	-0.25	-0.85
250.	4	1520.9	1.1	1522.0	1519.4	4	-0.7	-0.5	-1.2	4	17.51	0.34	17.86	17.04	4	-0.39	-0.30	-0.52
300.	4	1519.6	1.4	1520.7	1517.6	4	-0.7	-0.5	-0.9	4	16.84	0.43	17.19	16.21	4	-0.42	-0.33	-0.49
400.	4	1516.8	2.2	1518.6	1513.9	4	-0.9	-0.5	-1.3	4	15.46	0.64	16.01	14.51	4	-0.43	-0.31	-0.53
500.	4	1513.0	2.3	1515.4	1510.0	4	-1.2	-1.2	-1.3	4	13.86	0.68	14.57	13.00	4	-0.51	-0.49	-0.52
600.	4	1509.0	2.1	1511.0	1506.3	4	-1.2	-1.2	-1.3	4	12.25	0.57	12.81	11.52	4	-0.47	-0.37	-0.54
700.	4	1504.9	1.2	1506.0	1503.3	4	-1.3	-1.2	-1.7	4	10.67	0.33	10.97	10.24	4	-0.52	-0.46	-0.60
800.	4	1501.4	1.5	1502.4	1499.2	4	-0.7	-0.3	-1.1	4	9.32	0.40	9.57	8.73	4	-0.33	-0.18	-0.43
900.	4	1499.0	1.2	1499.9	1497.2	4	-0.7	-0.6	-0.8	4	8.26	0.32	8.48	7.79	4	-0.32	-0.27	-0.35
1000.	4	1496.4	1.6	1497.9	1494.4	3	-0.9	-0.6	-2.0	4	7.16	0.38	7.53	5.67	3	-0.36	-0.15	-0.65
1100.	4	1495.3	1.7	1496.3	1492.7	4	-0.3	-0.2	-0.5	4	6.44	0.42	6.71	5.82	4	-0.20	-0.13	-0.25
1200.	4	1494.8	1.8	1496.1	1492.1	4	-0.0	-0.2	-0.2	4	5.92	0.43	6.23	5.28	4	-0.12	-0.09	-0.16
1300.	4	1494.9	2.1	1496.4	1491.8	4	0.0	0.1	0.0	4	5.52	0.50	5.89	4.79	4	-0.12	-0.10	-0.15
1400.	4	1495.0	2.3	1496.7	1491.6	4	0.1	0.2	-0.1	4	5.15	0.54	5.55	4.36	4	-0.11	-0.11	-0.13
1500.	4	1495.3	2.4	1497.0	1491.7	4	0.1	0.1	0.0	4	4.82	0.56	5.23	3.99	4	-0.10	-0.10	-0.11
1750.	4	1496.8	2.0	1498.2	1493.8	4	0.2	0.3	0.2	4	4.17	0.46	4.50	3.49	4	-0.07	-0.05	-0.34
2000.	4	1494.8	1.5	1499.7	1496.5	4	0.3	0.3	0.2	4	3.65	0.35	3.87	3.14	4	-0.06	-0.03	-0.08
2500.	3	1504.9	0.1	1505.0	1504.8	3	0.3	0.4	0.3	3	3.10	0.02	3.11	3.07	3	-0.04	-0.04	-0.05
3000.	2	1512.1	0.1	1512.1	1512.0	2	0.5	0.5	0.4	2	2.77	0.02	2.78	2.75	2	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 77 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN
0.	1	1534.6	0.0	1534.6	1534.6	0	0.0	0.0	0.0	1	23.74	0.00	23.74	23.74	0	0.00	0.00	0.00
10.	1	1534.7	0.0	1534.7	1534.7	1	0.3	0.3	0.3	1	23.71	0.00	23.71	23.71	1	-0.10	-0.10	-0.10
20.	1	1534.8	0.0	1534.8	1534.8	1	0.3	0.3	0.3	1	23.69	0.00	23.69	23.69	1	-0.06	-0.06	-0.06
30.	1	1534.9	0.0	1534.9	1534.9	1	0.3	0.3	0.3	1	23.66	0.00	23.66	23.66	1	-0.09	-0.09	-0.09
50.	1	1535.0	0.0	1535.0	1535.0	1	-3.0	-3.0	-3.0	1	23.58	0.00	23.58	23.58	1	-0.61	-0.61	-0.61
75.	1	1533.8	0.0	1533.8	1533.8	1	-1.5	-1.5	-1.5	1	22.94	0.00	22.94	22.94	1	-0.78	-0.78	-0.78
100.	1	1532.3	0.0	1532.3	1532.3	1	-3.0	-3.0	-3.0	1	22.20	0.00	22.20	22.20	1	-1.07	-1.07	-1.07
125.	1	1530.4	0.0	1530.4	1530.4	1	-2.3	-2.3	-2.3	1	21.37	0.00	21.37	21.37	1	-1.01	-1.01	-1.01
150.	1	1528.3	0.0	1528.3	1528.3	1	-3.0	-3.0	-3.0	1	20.48	0.00	20.48	20.48	1	-1.22	-1.22	-1.22
200.	1	1523.8	0.0	1523.8	1523.8	1	-1.5	-1.5	-1.5	1	18.68	0.00	18.68	18.68	1	-0.84	-0.84	-0.84
250.	1	1520.8	0.0	1520.8	1520.8	1	-1.8	-1.8	-1.8	1	17.47	0.00	17.47	17.47	1	-0.74	-0.74	-0.74
300.	1	1518.6	0.0	1518.6	1518.6	1	-0.5	-0.5	-0.5	1	16.51	0.00	16.51	16.51	1	-0.41	-0.41	-0.41
400.	1	1515.7	0.0	1515.7	1515.7	1	-1.1	-1.1	-1.1	1	15.13	0.00	15.13	15.13	1	-0.46	-0.46	-0.46
500.	1	1512.1	0.0	1512.1	1512.1	1	-1.2	-1.2	-1.2	1	13.59	0.00	13.59	13.59	1	-0.52	-0.52	-0.52
600.	1	1507.8	0.0	1507.8	1507.8	1	-1.5	-1.5	-1.5	1	11.91	0.00	11.91	11.91	1	-0.53	-0.53	-0.53
700.	1	1503.3	0.0	1503.3	1503.3	1	-1.3	-1.3	-1.3	1	10.22	0.00	10.22	10.22	1	-0.52	-0.52	-0.52
800.	1	1499.0	0.0	1499.0	1499.0	1	-1.1	-1.1	-1.1	1	8.68	0.00	8.68	8.68	1	-0.44	-0.44	-0.44
900.	1	1495.6	0.0	1495.6	1495.6	1	-0.8	-0.8	-0.8	1	7.39	0.00	7.39	7.39	1	-0.36	-0.36	-0.36
1000.	1	1493.3	0.0	1493.3	1493.3	1	-0.5	-0.5	-0.5	1	6.41	0.00	6.41	6.41	1	-0.26	-0.26	-0.26
1100.	1	1493.1	0.0	1493.1	1493.1	1	0.0	0.0	0.0	1	5.95	0.00	5.95	5.95	1	-0.10	-0.10	-0.10
1200.	1	1493.4	0.0	1493.4	1493.4	1	-0.3	-0.3	-0.3	1	5.61	0.00	5.61	5.61	1	-0.15	-0.15	-0.15
1300.	1	1494.1	0.0	1494.1	1494.1	1	0.2	0.2	0.2	1	5.20	0.00	5.20	5.20	1	-0.10	-0.10	-0.10
1400.	1	1494.1	0.0	1494.1	1494.1	1	0.2	0.2	0.2	1	4.97	0.00	4.97	4.97	1	-0.05	-0.05	-0.05
1500.	1	1495.0	0.0	1495.0	1495.0	1	0.2	0.2	0.2	1	4.77	0.00	4.77	4.77	1	-0.08	-0.08	-0.08
1750.	1	1496.9	0.0	1496.9	1496.9	1	0.3	0.3	0.3	1	4.21	0.00	4.21	4.21	1	-0.01	-0.01	-0.01
2000.	1	1499.4	0.0	1499.4	1499.4	1	0.3	0.3	0.3	1	3.60	0.00	3.60	3.60	1	-0.05	-0.05	-0.05
2500.	1	1505.4	0.0	1505.4	1505.4	1	0.4	0.4	0.4	1	3.20	0.00	3.20	3.20	1	-0.03	-0.03	-0.03

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 77 FOR MONTH 2

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	3	1534.6	6.2	1532.3	1529.9	0	0.0	0.0	0.0	0.0	3	23.99	2.63	22.91	22.07
10.	3	1534.6	6.2	1541.6	1529.9	3	-0.2	0.3	-0.6	0.3	3	23.93	2.61	26.90	21.99
20.	3	1534.4	5.7	1540.8	1529.8	2	0.0	0.3	-0.3	-0.3	3	23.76	2.42	26.49	21.89
30.	3	1533.5	4.2	1538.0	1529.7	3	-4.0	0.6	-12.2	0.6	3	23.31	1.75	25.22	21.80
50.	2	1531.2	2.4	1532.9	1529.5	2	0.0	0.3	-0.3	-0.3	2	22.25	0.91	22.89	21.61
75.	2	1531.3	2.8	1533.2	1529.3	2	0.1	0.4	-0.2	0.4	2	22.13	1.05	22.87	21.38
100.	2	1530.8	3.8	1533.5	1528.1	2	-2.9	0.4	-6.1	-6.1	2	21.83	1.46	22.86	20.79
125.	3	1527.4	4.0	1531.9	1524.5	3	-1.4	-0.6	-2.0	-2.0	3	20.41	1.41	22.02	19.39
150.	2	1526.2	3.3	1528.5	1523.9	2	-2.4	-0.7	-4.1	-4.1	2	19.86	1.12	20.65	19.06
200.	2	1523.1	0.5	1523.4	1522.7	2	-2.2	-1.2	-3.1	-3.1	2	18.52	0.16	18.63	18.40
250.	2	1522.1	0.6	1522.5	1521.6	2	-0.6	-0.5	-0.7	-0.7	2	17.90	0.21	18.05	17.75
300.	2	1521.2	0.5	1521.5	1520.8	2	-0.5	-0.3	-0.6	-0.6	2	17.34	0.18	17.46	17.21
400.	2	1519.6	0.5	1519.9	1519.2	2	-0.4	-0.7	-0.7	-0.7	2	16.33	0.16	16.44	16.22
500.	2	1516.7	3.0	1518.8	1514.5	1	-1.4	-1.4	-1.4	-1.4	2	14.98	0.95	15.65	14.30
600.	3	1510.6	1.2	1511.9	1509.5	3	-1.2	-0.8	-1.5	-1.5	3	12.72	0.34	13.08	12.41
700.	3	1506.7	1.6	1508.1	1504.9	2	-1.2	-1.0	-1.4	-1.4	3	11.17	0.46	11.57	10.67
800.	3	1502.4	2.1	1503.7	1500.0	2	-1.2	-1.0	-1.5	-1.5	3	9.57	0.53	9.92	8.96
900.	3	1498.5	3.0	1501.0	1495.2	2	-1.1	-0.8	-1.5	-1.5	3	8.14	0.75	8.76	7.31
1000.	2	1495.1	1.8	1496.4	1493.8	2	-0.6	-0.4	-0.7	-0.7	2	6.86	0.45	7.18	6.54
1100.	3	1495.6	2.5	1498.4	1493.5	3	-0.2	-0.1	-0.5	-0.5	3	6.54	0.61	7.23	6.05
1200.	3	1495.5	2.3	1498.1	1493.7	3	0.1	0.3	-0.1	-0.1	3	6.09	0.57	6.73	5.65
1300.	3	1495.9	1.8	1497.9	1494.3	3	0.1	0.2	-0.1	-0.1	3	5.77	0.45	6.27	5.39
1400.	3	1496.1	1.6	1497.9	1494.8	3	0.1	0.2	0.2	0.2	3	5.42	0.38	5.84	5.11
1500.	2	1495.4	0.4	1495.7	1495.1	2	0.0	0.1	0.1	0.1	2	4.85	0.09	4.91	4.78
1750.	3	1497.6	1.0	1498.7	1496.7	3	0.2	0.2	0.1	0.1	3	4.36	0.29	4.62	4.16
2000.	2	1499.0	0.4	1499.2	1498.7	0	0.0	0.0	0.0	0.0	2	3.70	0.09	3.76	3.63
2500.	2	1504.9	0.1	1505.0	1504.8	2	0.4	0.5	0.4	0.4	2	3.10	0.04	3.12	3.07
3000.	1	1512.2	0.0	1512.2	1512.2	1	0.4	0.4	0.4	0.4	1	2.80	0.00	2.80	2.80
4000.	1	1527.5	0.0	1527.5	1527.5	1	0.5	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31
5000.	1	1545.0	0.0	1545.0	1545.0	1	0.5	0.5	0.5	0.5	1	2.25	0.00	2.25	2.25

SUMMARY FOR QUADRANT 4 OF MARSDEN SOLAR 77 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN		
0.	1	1532.0	0.0	1532.0	1532.0	0	0.0	0.0	0.0	1	22.91	0.00	22.91	22.91		
10.	1	1531.6	0.0	1531.6	1531.6	1	-1.2	-1.2	-1.2	1	22.67	0.00	22.67	22.67		
20.	1	1531.1	0.0	1531.1	1531.1	1	-1.5	-1.5	-1.5	1	22.43	0.00	22.43	22.43		
30.	1	1530.6	0.0	1530.6	1530.6	1	-1.8	-1.8	-1.8	1	22.17	0.00	22.17	22.17		
40.	1	1529.7	0.0	1529.7	1529.7	1	-1.4	-1.4	-1.4	1	21.68	0.00	21.68	21.68		
50.	1	1529.0	0.0	1529.0	1529.0	1	-0.9	-0.9	-0.9	1	21.27	0.00	21.27	21.27		
75.	1	1527.6	0.0	1527.6	1527.6	1	-1.7	-1.7	-1.7	1	20.61	0.00	20.61	20.61		
100.	1	1524.4	0.0	1524.4	1524.4	1	-3.9	-3.9	-3.9	1	19.39	0.00	19.39	19.39		
125.	1	1522.3	0.0	1522.3	1522.3	1	-2.6	-2.6	-2.6	1	18.55	0.00	18.55	18.55		
150.	1	1520.8	0.0	1520.8	1520.8	1	-0.9	-0.9	-0.9	1	17.77	0.00	17.77	17.77		
200.	1	1520.3	0.0	1520.3	1520.3	1	-0.3	-0.3	-0.3	1	17.32	0.00	17.32	17.32		
250.	1	1519.6	0.0	1519.6	1519.6	1	-0.4	-0.4	-0.4	1	16.83	0.00	16.83	16.83		
300.	1	1517.7	0.0	1517.7	1517.7	1	-0.6	-0.6	-0.6	1	15.75	0.00	15.75	15.75		
400.	1	1514.1	0.0	1514.1	1514.1	1	-1.1	-1.1	-1.1	1	14.20	0.00	14.20	14.20		
500.	1	1510.5	0.0	1510.5	1510.5	1	-1.1	-1.1	-1.1	1	12.70	0.00	12.70	12.70		
600.	1	1506.1	0.0	1506.1	1506.1	1	-1.3	-1.3	-1.3	1	11.01	0.00	11.01	11.01		
700.	1	1501.3	0.0	1501.3	1501.3	1	-1.5	-1.5	-1.5	1	9.29	0.00	9.29	9.29		
800.	1	1499.0	0.0	1499.0	1499.0	1	-0.7	-0.7	-0.7	1	8.23	0.00	8.23	8.23		
900.	1	1497.0	0.0	1497.0	1497.0	1	-0.6	-0.6	-0.6	1	7.30	0.00	7.30	7.30		
1000.	1	1495.0	0.0	1495.0	1495.0	1	-0.6	-0.6	-0.6	1	6.38	0.00	6.38	6.38		
1100.	1	1493.9	0.0	1493.9	1493.9	1	-0.3	-0.3	-0.3	1	5.69	0.00	5.69	5.69		
1200.	1	1494.6	0.0	1494.6	1494.6	1	0.2	0.2	0.2	1	5.46	0.00	5.46	5.46		
1300.	1	1495.3	0.0	1495.3	1495.3	1	0.2	0.2	0.2	1	5.22	0.00	5.22	5.22		
1400.	1	1496.0	0.0	1496.0	1496.0	1	0.2	0.2	0.2	1	4.97	0.00	4.97	4.97		
1500.	1	1497.5	0.0	1497.5	1497.5	1	0.2	0.2	0.2	1	4.33	0.00	4.33	4.33		
1750.	1	1498.7	0.0	1498.7	1498.7	1	0.1	0.1	0.1	1	3.65	0.00	3.65	3.65		
2000.	1	1498.7	0.0	1498.7	1498.7	1	0.1	0.1	0.1	1	3.65	0.00	3.65	3.65		

SUMMARY FOR QUADRANT 4 OF MARSHEN SQUARE 77 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	28.20	0.00	28.20	27.20	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.75	0.00	27.75	27.75	1	-1.37	-1.37	-1.37
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.26	0.00	27.26	27.26	1	-1.49	-1.49	-1.49
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	26.55	0.00	26.55	26.55	1	-2.68	-2.68	-2.68
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	24.69	0.00	24.69	24.69	1	-2.53	-2.53	-2.53
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	23.57	0.00	23.57	23.57	0	0.00	0.00	0.00
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	21.52	0.00	21.52	21.52	1	-1.89	-1.89	-1.89
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	20.51	0.00	20.51	20.51	1	-1.23	-1.23	-1.23
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	19.61	0.00	19.61	19.61	1	-1.10	-1.10	-1.10
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.11	0.00	18.11	18.11	1	-0.30	-0.30	-0.30
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.64	0.00	17.64	17.64	1	-0.29	-0.29	-0.29
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.13	0.00	17.13	17.13	0	0.00	0.00	0.00
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	15.94	0.00	15.94	15.94	1	-0.61	-0.61	-0.61
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	14.07	0.00	14.07	14.07	1	-0.57	-0.57	-0.57
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.37	0.00	12.37	12.37	0	0.00	0.00	0.00
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.84	0.00	10.84	10.84	1	-0.47	-0.47	-0.47
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	9.46	0.00	9.46	9.46	1	-0.43	-0.43	-0.43
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	8.15	0.00	8.15	8.15	1	-0.40	-0.40	-0.40
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	7.10	0.00	7.10	7.10	1	-0.32	-0.32	-0.32
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	6.29	0.00	6.29	6.29	1	-0.25	-0.25	-0.25
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.80	0.00	5.80	5.80	1	-0.01	-0.01	-0.01
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.58	0.00	5.58	5.58	1	-0.07	-0.07	-0.07
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.28	0.00	5.28	5.28	1	-0.10	-0.10	-0.10
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.90	0.00	4.90	4.90	1	-0.12	-0.12	-0.12

SUMMARY FOR QUADRANT 4 OF MANSDEN SQUARE 77 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1513.9	2.0	1536.9	1532.1	0	0.0	0.0	0.0	5	23.74	0.57	24.72	23.05	0	0.00	0.00	0.00
10.	5	1514.2	2.1	1536.9	1532.2	5	0.7	1.5	0.3	5	23.78	0.67	24.71	23.04	5	0.11	0.34	-0.03
20.	5	1514.3	2.1	1537.1	1532.3	3	0.5	0.6	0.3	5	23.78	0.68	24.70	23.02	5	-0.01	0.33	-0.06
30.	5	1514.3	2.0	1537.2	1532.4	3	0.4	0.6	0.3	5	23.77	0.68	24.69	23.01	5	-0.02	0.33	-0.06
50.	5	1514.6	2.1	1537.0	1532.1	5	-1.4	0.5	-0.1	5	23.66	0.69	24.66	22.74	5	-0.76	-0.33	-2.44
75.	5	1531.0	4.6	1536.5	1525.8	4	-5.1	-2.7	-7.4	5	22.08	1.64	24.10	20.21	5	-1.74	-0.26	-2.87
100.	5	1527.4	3.8	1532.8	1523.1	5	-3.0	-1.5	-3.8	5	20.58	1.34	22.50	19.07	5	-1.32	-0.71	-1.71
125.	5	1525.2	3.7	1530.9	1521.5	5	-2.3	-1.5	-3.0	5	19.69	1.28	21.00	18.42	5	-1.01	-0.66	-1.34
150.	5	1523.6	3.5	1529.2	1520.5	5	-2.0	-1.1	-2.9	5	18.98	1.19	20.88	17.93	5	-0.86	-0.56	-1.10
200.	5	1521.8	2.7	1526.2	1519.3	4	-0.9	0.3	-1.7	5	18.08	0.91	19.54	17.26	5	-0.44	-0.08	-0.76
250.	2	1523.0	1.1	1523.8	1522.2	2	-0.7	0.1	-1.5	2	18.21	0.36	18.46	17.95	2	-0.34	-0.13	-0.65
300.	2	1522.4	0.2	1522.5	1522.2	2	-0.2	-0.4	-0.4	2	17.73	0.05	17.76	17.69	2	-0.23	-0.15	-0.30
350.	2	1520.3	1.3	1521.2	1519.4	2	-1.0	-0.6	-1.3	2	16.55	0.40	16.83	16.27	2	-0.46	-0.35	-0.58
400.	2	1516.9	1.8	1519.1	1515.6	1	-1.1	-1.1	-1.1	2	15.00	0.54	15.38	14.62	2	-0.48	-0.44	-0.51
450.	2	1512.3	1.0	1513.0	1511.6	2	-1.6	-1.3	-1.9	2	13.21	0.29	13.41	13.00	2	-0.60	-0.52	-0.67
500.	2	1507.1	1.1	1507.9	1506.3	2	-1.7	-1.0	-2.3	2	11.28	0.28	11.48	11.08	2	-0.60	-0.42	-0.77
550.	2	1501.4	1.7	1502.6	1500.2	2	-1.8	-1.7	-1.9	2	9.30	0.44	9.61	8.99	2	-0.61	-0.57	-0.65
600.	2	1497.6	1.3	1498.9	1496.3	2	-0.8	-0.7	-0.9	2	7.91	0.48	8.25	7.57	2	-0.33	-0.29	-0.36
650.	2	1494.6	0.4	1494.9	1494.3	2	-0.3	-0.2	-0.4	2	6.74	0.12	6.82	6.65	2	-0.16	-0.16	-0.23
700.	2	1494.0	1.0	1494.7	1493.3	2	-0.2	-0.1	-0.3	2	6.15	0.25	6.33	5.97	2	-0.16	-0.15	-0.21
750.	2	1493.9	1.1	1494.6	1493.1	1	0.1	0.1	0.1	2	5.70	0.28	5.90	5.50	1	-0.10	-0.10	-0.10
800.	2	1494.2	0.9	1494.8	1493.5	2	0.1	0.1	0.1	2	5.36	0.23	5.52	5.20	2	-0.10	-0.09	-0.12
850.	2	1494.7	1.0	1495.4	1494.0	1	0.2	0.2	0.2	2	5.09	0.24	5.26	4.92	1	-0.07	-0.07	-0.07
900.	2	1495.3	1.0	1496.0	1494.6	2	0.2	0.2	0.2	2	4.83	0.25	5.00	4.65	2	-0.08	-0.08	-0.08
950.	2	1496.8	0.9	1497.4	1496.1	2	0.2	0.2	0.1	2	4.17	0.21	4.31	4.02	2	-0.08	-0.08	-0.09
1000.	2	1498.9	0.4	1499.1	1498.6	2	0.3	0.4	0.2	2	3.68	0.09	3.74	3.61	2	-0.04	-0.04	-0.05
1100.	2	1505.2	0.0	1505.2	1505.2	2	0.4	0.4	0.4	2	3.18	0.01	3.18	3.17	2	-0.02	-0.02	-0.03
1200.	2	1512.4	0.0	1512.4	1512.4	2	0.4	0.4	0.4	2	2.84	0.00	2.84	2.84	2	-0.02	-0.02	-0.03
1300.	2	1527.3	0.1	1527.3	1527.2	2	0.5	0.5	0.5	2	2.25	0.01	2.26	2.24	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SOLAR 79 FOR MONTH 1

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1534.9	0.3	1535.2	1534.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1535.1	0.3	1535.5	1534.5	6	0.5	1.8	0.3	0.3	13	-0.10	0.49	-0.54
20.	6	1535.1	0.3	1535.7	1534.6	6	0.8	3.0	0.3	0.3	13	-0.20	0.37	-0.61
30.	7	1535.5	0.4	1535.9	1534.6	7	0.6	1.2	0.6	0.6	14	-0.27	0.27	-0.61
40.	7	1535.8	0.3	1536.4	1535.2	7	0.6	1.5	-0.3	-0.3	14	-0.37	0.41	-0.69
50.	7	1536.2	0.3	1536.7	1535.8	7	0.5	0.8	0.4	0.4	14	-0.44	0.06	-0.94
75.	7	1536.0	0.4	1536.5	1535.5	5	-1.9	0.4	-4.6	-4.6	15	-1.77	-0.06	-2.34
100.	7	1534.1	1.4	1536.7	1532.1	7	-2.8	0.4	-6.1	-6.1	17	-1.63	-0.07	-2.51
125.	7	1531.0	1.5	1533.8	1529.3	5	-4.2	-3.3	-5.2	-5.2	17	-1.20	-0.76	-2.23
150.	5	1525.5	1.5	1528.1	1524.3	4	-2.4	-1.7	-3.2	-3.2	15	-0.44	-0.08	-1.30
200.	4	1522.5	1.0	1523.8	1521.7	4	-1.6	-0.5	-2.7	-2.7	14	-0.33	-0.11	-1.03
250.	4	1520.9	1.7	1522.4	1518.5	4	-1.0	-0.2	-1.1	-1.1	13	-0.27	-0.13	-0.64
300.	4	1516.7	2.1	1518.9	1513.9	4	-1.5	-1.1	-1.4	-1.4	13	-0.49	-0.36	-0.71
400.	4	1511.2	1.7	1513.1	1509.0	4	-2.5	-1.2	-3.4	-3.4	13	-0.57	-0.34	-1.16
500.	4	1507.1	1.7	1509.7	1505.0	4	-1.4	-0.8	-2.2	-2.2	13	-0.61	-0.38	-0.74
600.	4	1501.7	2.2	1504.7	1499.7	4	-0.8	-1.3	-1.8	-1.8	13	-0.37	-0.13	-0.60
700.	4	1498.2	2.6	1500.0	1494.2	4	-1.5	-1.3	-2.0	-2.0	13	-0.73	-0.44	-1.39
800.	4	1492.4	2.2	1495.5	1491.0	4	-0.9	-2.2	-3.4	-3.4	13	-0.34	0.05	-0.91
900.	4	1491.2	1.5	1493.3	1490.1	4	-0.4	0.4	-1.5	-1.5	13	-0.23	-0.08	-0.57
1000.	4	1491.6	1.0	1492.4	1490.3	4	0.1	0.5	-0.2	-0.2	13	-0.14	-0.01	-0.14
1100.	4	1491.6	0.6	1492.2	1490.9	4	0.0	0.1	0.1	0.1	4	-0.12	-0.11	-0.11
1200.	4	1492.0	0.4	1492.8	1491.4	4	0.1	0.3	0.1	0.1	4	-0.04	-0.06	-0.13
1300.	4	1492.0	0.7	1493.4	1491.9	4	0.2	0.5	0.2	0.2	4	-0.07	-0.02	-0.02
1400.	4	1493.5	0.7	1494.2	1492.7	4	0.3	0.3	0.3	0.3	4	-0.04	-0.05	-0.04
1500.	3	1495.1	0.5	1496.4	1493.5	3	0.3	0.3	0.3	0.3	3	-0.06	-0.06	-0.06
1750.	3	1494.4	0.7	1495.0	1493.8	3	0.3	0.3	0.3	0.3	3	-0.04	-0.04	-0.04

SUMMARY FOR QUADRANT 1 MARS DEN SQUARE 78 FOR MONTH 2

DEPTH	VELOCITY				VFLOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1535.0	1.1	1536.9	1534.8	0	0.0	0.0	0.0	4	24.62	24.10	0	0.00	0.00	0.00
10.	4	1536.1	0.9	1536.9	1535.0	4	0.1	0.7	-0.3	4	24.61	24.11	4	-0.19	0.03	-0.30
20.	4	1536.1	0.9	1537.0	1535.2	4	0.2	0.6	0.3	4	24.55	24.12	4	-0.14	0.03	-0.24
30.	4	1536.3	0.9	1537.1	1535.4	3	0.3	0.6	0.3	4	24.55	24.14	3	0.00	0.06	-0.06
50.	4	1536.6	0.8	1537.4	1535.8	4	0.4	0.8	0.3	4	24.52	24.12	4	-0.06	-0.06	-0.09
75.	4	1536.7	1.1	1537.5	1535.2	4	-0.1	0.6	-1.0	4	24.33	23.72	4	-0.28	-0.06	-0.61
100.	4	1535.9	1.5	1537.2	1533.7	2	-2.5	-2.0	-3.0	4	23.80	22.94	2	-1.20	-0.99	-1.41
125.	4	1532.2	2.1	1533.6	1529.2	4	-4.5	-2.9	-5.9	4	22.17	21.06	4	-1.98	-1.37	-2.58
150.	4	1529.2	2.0	1531.1	1526.8	4	-3.2	-2.9	-3.8	4	20.89	20.02	4	-1.36	-1.22	-1.65
200.	4	1524.7	1.9	1526.9	1522.4	3	-1.6	-3.1	-2.7	4	19.00	18.25	3	-0.97	-0.91	-1.08
250.	3	1522.0	1.3	1523.5	1521.2	3	-1.7	-0.7	-2.4	3	17.86	17.60	3	-0.75	-0.40	-0.94
300.	1	1520.3	0.0	1520.3	1520.3	1	-2.0	-2.0	-2.0	1	17.05	17.05	1	-0.79	-0.79	-0.79
400.	1	1514.6	0.0	1514.6	1514.6	1	-1.7	-1.7	-1.7	1	14.62	14.82	1	-0.68	-0.68	-0.68
500.	1	1510.2	0.0	1510.2	1510.2	1	-1.3	-1.3	-1.3	1	13.06	13.06	1	-0.54	-0.54	-0.54
600.	1	1506.2	0.0	1506.2	1506.2	1	-1.4	-1.4	-1.4	1	11.49	11.49	1	-0.54	-0.54	-0.54
700.	1	1501.9	0.0	1501.9	1501.9	1	-1.3	-1.3	-1.3	1	9.89	9.89	1	-0.49	-0.49	-0.49
800.	1	1498.3	0.0	1498.3	1498.3	1	-1.1	-1.1	-1.1	1	8.53	8.53	1	-0.40	-0.40	-0.40
900.	1	1495.4	0.0	1495.4	1495.4	1	-0.9	-0.9	-0.9	1	7.36	7.36	1	-0.36	-0.36	-0.36
1000.	1	1492.8	0.0	1492.8	1492.8	1	-0.8	-0.8	-0.8	1	6.32	6.32	1	-0.31	-0.31	-0.31
1100.	1	1491.5	0.0	1491.5	1491.5	1	0.0	0.0	0.0	1	5.60	5.60	1	-0.10	-0.10	-0.10
1200.	1	1492.1	0.0	1492.1	1492.1	1	0.2	0.2	0.2	1	5.31	5.31	1	-0.09	-0.09	-0.09
1300.	1	1492.6	0.0	1492.6	1492.6	1	0.2	0.2	0.2	1	5.02	5.02	1	-0.10	-0.10	-0.10
1400.	1	1493.2	0.0	1493.2	1493.2	1	0.2	0.2	0.2	1	4.75	4.75	1	-0.08	-0.08	-0.08
1500.	1	1493.8	0.0	1493.8	1493.8	1	0.2	0.2	0.2	1	4.49	4.49	1	-0.08	-0.08	-0.08
1750.	1	1496.2	0.0	1496.2	1496.2	1	0.4	0.4	0.4	1	4.06	4.06	1	-0.03	-0.03	-0.03
2000.	1	1499.0	0.0	1499.0	1499.0	1	0.3	0.3	0.3	1	3.73	3.73	1	-0.04	-0.04	-0.04

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 78 FOR MONTH 4

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	2	1535.4	2.6	1537.2	1533.5	0	0.0	0.0	0.0	2	24.30	1.32	25.23	23.37	0	0.00	0.00	0.00		
10.	2	1535.3	2.4	1537.0	1533.6	2	-0.2	0.3	-0.7	2	24.19	1.20	25.03	23.34	2	-0.38	-0.09	-0.68		
20.	2	1535.3	2.2	1536.8	1533.7	2	-0.2	0.2	-0.6	2	24.08	1.12	24.07	23.28	2	-0.34	-0.18	-0.49		
30.	2	1535.2	2.3	1536.8	1533.6	2	-0.1	0.5	-0.6	2	24.01	1.15	24.62	23.20	2	-0.18	-0.05	-0.30		
50.	2	1535.3	2.6	1537.1	1533.4	2	-0.2	-0.3	-0.3	2	23.90	1.24	24.78	23.02	2	-0.29	-0.27	-0.30		
75.	2	1535.1	2.5	1536.9	1533.3	2	-0.2	-0.1	-0.2	2	23.61	1.17	24.44	22.78	2	-0.35	-0.29	-0.41		
100.	2	1534.5	2.1	1536.0	1533.0	2	-1.7	-0.4	-3.0	2	23.19	0.90	23.32	22.55	2	-0.90	-0.28	-1.52		
125.	2	1532.2	1.6	1533.3	1531.1	2	-2.8	-2.3	-3.3	2	22.17	0.60	22.63	21.70	2	-1.24	-1.34	-1.45		
150.	2	1528.8	2.8	1530.8	1526.8	2	-4.1	-3.0	-5.2	2	20.77	1.05	21.51	20.02	2	-1.71	-1.37	-2.35		
200.	2	1524.7	1.9	1526.0	1523.3	2	-2.5	-2.1	-2.9	2	19.03	0.64	19.48	18.57	2	-1.06	-0.88	-1.24		
250.	2	1522.0	0.1	1522.1	1521.9	2	-1.2	-0.9	-1.5	2	17.87	0.03	17.69	17.85	2	-0.56	-0.44	-0.67		
300.	2	1520.0	0.7	1520.5	1519.5	2	-1.2	-0.9	-1.6	2	16.97	0.21	17.11	16.82	2	-0.55	-0.45	-0.65		
400.	2	1515.9	2.1	1517.3	1514.4	2	-1.3	-1.0	-1.6	2	15.18	0.61	15.61	14.75	2	-0.54	-0.46	-0.63		
500.	2	1511.0	2.8	1513.0	1509.0	2	-1.5	-1.3	-1.7	2	13.30	0.82	13.88	12.72	2	-0.58	-0.53	-0.64		
600.	2	1506.2	3.6	1508.7	1503.6	2	-1.5	-1.3	-1.6	2	11.49	1.00	12.19	10.78	2	-0.55	-0.52	-0.59		
700.	2	1502.1	4.5	1505.3	1498.9	2	-1.2	-1.0	-1.4	2	9.95	1.20	10.80	7.10	2	-0.47	-0.42	-0.51		
800.	2	1496.9	2.8	1498.8	1494.9	2	-1.6	-1.2	-2.0	2	8.15	0.71	8.65	7.65	2	-0.54	-0.43	-0.66		
900.	2	1493.3	1.9	1494.6	1491.9	2	-1.1	-0.9	-1.3	2	6.83	0.49	7.17	6.48	2	-0.40	-0.36	-0.45		
1000.	2	1491.0	1.5	1492.0	1489.9	2	-0.7	-0.6	-0.8	2	5.87	0.37	6.13	5.61	2	-0.29	-0.27	-0.32		
1100.	2	1491.2	1.3	1492.1	1490.3	2	0.1	0.1	0.0	2	5.51	0.31	5.73	5.29	2	-0.11	-0.09	-0.12		
1200.	2	1491.7	1.1	1492.4	1490.9	2	0.1	0.2	0.1	2	5.20	0.25	5.38	5.01	2	-0.10	-0.09	-0.11		
1300.	2	1492.3	1.0	1493.0	1491.6	2	0.2	0.3	0.2	2	4.95	0.25	5.12	4.77	2	-0.07	-0.06	-0.09		
1400.	2	1493.1	0.9	1493.7	1492.4	2	0.2	0.2	0.2	2	4.72	0.22	4.87	4.56	2	-0.07	-0.06	-0.08		
1500.	2	1493.9	0.8	1494.4	1493.3	2	0.2	0.2	0.2	2	4.51	0.19	4.64	4.37	2	-0.06	-0.06	-0.07		
1750.	2	1496.1	0.6	1496.5	1495.7	2	0.3	0.3	0.3	2	4.03	0.13	4.12	3.93	2	-0.06	-0.05	-0.06		
2000.	1	1498.9	0.0	1498.9	1498.9	1	0.3	0.3	0.3	1	3.69	0.00	3.69	3.69	1	-0.05	-0.05	-0.05		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 78 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1543.4	0.0	1543.4	1543.4	0	0.0	0.0	0.0	1	27.60	0.00	27.60	27.60	0	0.00	0.00	0.00
10.	1	1543.5	0.0	1543.5	1543.5	1	0.3	0.3	0.3	1	27.55	0.00	27.55	27.55	1	-0.15	-0.15	-0.15
20.	1	1543.6	0.0	1543.6	1543.6	1	0.3	0.3	0.3	1	27.55	0.00	27.55	27.55	1	0.00	0.00	0.00
30.	1	1542.5	0.0	1542.5	1542.5	1	-6.7	-6.7	-6.7	1	27.00	0.00	27.00	27.00	1	-3.35	-3.35	-3.35
50.	1	1538.6	0.0	1538.6	1538.6	1	-5.9	-5.9	-5.9	1	25.23	0.00	25.23	25.23	1	-2.70	-2.70	-2.70
75.	1	1536.0	0.0	1536.0	1536.0	1	-3.2	-3.2	-3.2	1	23.95	0.00	23.95	23.95	1	-1.56	-1.56	-1.56
100.	1	1532.5	0.0	1532.5	1532.5	1	-4.3	-4.3	-4.3	1	22.38	0.00	22.38	22.38	1	-1.91	-1.91	-1.91
125.	1	1532.3	0.0	1532.3	1532.3	1	-0.2	-0.2	-0.2	1	22.17	0.00	22.17	22.17	1	-0.26	-0.26	-0.26
150.	1	1531.1	0.0	1531.1	1531.1	1	-1.5	-1.5	-1.5	1	21.58	0.00	21.58	21.58	1	-0.72	-0.72	-0.72
200.	1	1525.2	0.0	1525.2	1525.2	1	-3.6	-3.6	-3.6	1	19.24	0.00	19.24	19.24	1	-1.43	-1.43	-1.43
250.	1	1525.1	0.0	1525.1	1525.1	1	-0.1	-0.1	-0.1	1	18.90	0.00	18.90	18.90	1	-0.21	-0.21	-0.21
300.	1	1524.5	0.0	1524.5	1524.5	1	-0.4	-0.4	-0.4	1	18.44	0.00	18.44	18.44	1	-0.28	-0.28	-0.28
400.	1	1522.1	0.0	1522.1	1522.1	1	-0.7	-0.7	-0.7	1	17.12	0.00	17.12	17.12	1	-0.40	-0.40	-0.40
500.	1	1517.2	0.0	1517.2	1517.2	1	-1.5	-1.5	-1.5	1	15.09	0.00	15.09	15.09	1	-0.62	-0.62	-0.62
600.	1	1511.5	0.0	1511.5	1511.5	1	-1.7	-1.7	-1.7	1	12.95	0.00	12.95	12.95	1	-0.65	-0.65	-0.65
700.	1	1503.6	0.0	1503.6	1503.6	1	-2.4	-2.4	-2.4	1	10.32	0.00	10.32	10.32	1	-0.80	-0.80	-0.80
800.	1	1497.7	0.0	1497.7	1497.7	1	-1.8	-1.8	-1.8	1	8.38	0.00	8.38	8.38	1	-0.59	-0.59	-0.59
900.	1	1495.3	0.0	1495.3	1495.3	1	-0.7	-0.7	-0.7	1	7.34	0.00	7.34	7.34	1	-0.32	-0.32	-0.32
1000.	1	1493.9	0.0	1493.9	1493.9	1	-0.4	-0.4	-0.4	1	6.58	0.00	6.58	6.58	1	-0.23	-0.23	-0.23
1100.	1	1494.2	0.0	1494.2	1494.2	1	0.1	0.1	0.1	1	6.25	0.00	6.25	6.25	1	-0.10	-0.10	-0.10
1200.	1	1494.4	0.0	1494.4	1494.4	1	0.1	0.1	0.1	1	5.88	0.00	5.88	5.88	1	-0.11	-0.11	-0.11
1300.	1	1494.5	0.0	1494.5	1494.5	1	0.0	0.0	0.0	1	5.48	0.00	5.48	5.48	1	-0.12	-0.12	-0.12
1400.	1	1494.4	0.0	1494.4	1494.4	1	-0.0	-0.0	-0.0	1	5.05	0.00	5.05	5.05	1	-0.13	-0.13	-0.13
1500.	1	1494.2	0.0	1494.2	1494.2	1	-0.1	-0.1	-0.1	1	4.58	0.00	4.58	4.58	1	-0.14	-0.14	-0.14

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 78 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT							
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN
0.	6	1541.7	1.1	1543.1	1540.3	0	0.0	0.0	0.0	0.0	0	0.00	0.69	28.23	26.65	0	0.00	0.00	0.00	0.00
10.	6	1541.8	1.5	1543.3	1539.7	6	0.5	4.6	4.6	-2.0	6	27.28	0.86	28.23	26.36	6	-0.16	1.25	1.25	-1.41
20.	6	1541.9	2.1	1544.4	1538.9	6	0.1	3.0	3.0	-2.4	6	27.18	1.05	28.25	25.86	6	-0.41	-0.15	-0.15	-1.57
30.	6	1542.0	2.6	1545.0	1538.1	6	0.4	2.4	2.4	-2.4	6	27.05	1.23	28.24	25.35	6	-0.41	0.12	0.12	-1.55
50.	6	1541.2	3.0	1544.2	1536.1	6	-1.4	0.2	-3.0	-3.0	6	26.46	1.34	27.83	24.27	6	-0.99	-0.15	-0.15	-2.13
75.	6	1537.7	2.7	1540.7	1532.7	6	-4.8	-1.5	-9.1	-9.1	6	24.70	1.08	26.02	22.74	6	-2.34	-1.00	-1.00	-4.37
100.	6	1535.1	2.9	1537.9	1529.8	6	-2.4	-1.7	-4.4	-4.4	6	23.46	1.13	24.57	21.43	6	-1.45	-0.93	-0.93	-1.98
125.	6	1532.9	3.5	1537.1	1527.3	6	-2.7	-0.7	-4.1	-4.1	6	22.42	1.31	24.07	20.39	6	-1.24	-0.51	-0.51	-1.73
150.	6	1530.5	3.8	1535.9	1525.2	6	-3.0	-1.5	-4.3	-4.3	6	21.38	1.38	23.40	19.51	6	-1.32	-0.82	-0.82	-1.71
200.	6	1525.4	2.9	1530.7	1522.3	6	-1.6	-1.8	-4.5	-4.5	6	19.30	1.00	21.14	18.25	6	-0.91	-0.20	-0.20	-1.76
250.	6	1523.2	1.7	1526.4	1521.9	5	-1.1	-0.2	-2.0	-2.0	6	18.26	0.56	19.34	17.86	6	-0.63	-0.24	-0.24	-1.07
300.	6	1521.1	1.2	1522.6	1519.5	6	-0.7	-0.8	-2.3	-2.3	6	17.32	0.38	17.81	16.86	6	-0.50	-0.23	-0.23	-0.93
400.	6	1517.4	1.8	1519.9	1515.7	6	-1.9	-1.0	-3.0	-3.0	6	15.67	0.54	16.45	15.19	6	-0.59	-0.49	-0.49	-0.76
500.	6	1512.6	1.8	1515.0	1510.8	6	-1.2	-1.0	-1.9	-1.9	6	13.76	0.54	14.46	13.25	6	-0.52	-0.30	-0.30	-0.71
600.	6	1506.6	4.7	1511.0	1498.1	6	-2.1	-0.8	-4.2	-4.2	6	11.61	1.27	12.83	9.34	6	-0.71	-0.46	-0.46	-1.27
700.	6	1501.1	4.3	1505.1	1493.9	6	-1.6	-0.6	-2.0	-2.0	6	9.70	1.12	10.73	7.83	6	-0.55	-0.27	-0.27	-0.75
800.	6	1496.5	3.1	1499.8	1492.4	6	-1.4	-0.5	-2.0	-2.0	6	8.07	0.77	8.91	7.04	6	-0.51	-0.24	-0.24	-0.71
900.	6	1492.7	1.9	1494.7	1490.7	6	-0.9	-0.4	-1.3	-1.3	6	6.72	0.46	7.19	6.25	6	-0.33	-0.23	-0.23	-0.45
1000.	6	1491.1	1.4	1492.6	1489.3	6	-0.1	0.2	-0.4	-0.4	6	5.91	0.33	6.25	5.50	6	-0.16	-0.09	-0.09	-0.33
1100.	6	1491.2	1.0	1492.4	1490.2	6	0.1	0.3	-0.2	-0.2	6	5.51	0.21	5.79	5.30	6	-0.11	-0.06	-0.06	-0.17
1200.	6	1491.6	0.5	1492.4	1491.0	6	0.1	0.3	0.2	0.2	6	5.19	0.13	5.39	5.05	6	-0.09	-0.06	-0.06	-0.12
1300.	6	1492.1	0.5	1492.7	1491.6	6	0.2	0.2	0.1	0.1	6	4.91	0.11	5.04	4.78	6	-0.09	-0.07	-0.07	-0.11
1400.	6	1492.8	0.5	1493.5	1492.2	6	0.3	0.5	0.2	0.2	6	4.66	0.11	4.81	4.52	6	-0.07	-0.05	-0.05	-0.09
1500.	6	1493.7	0.5	1494.3	1493.0	6	0.3	0.3	0.2	0.2	6	4.46	0.11	4.59	4.30	6	-0.07	-0.05	-0.05	-0.09
1750.	5	1495.8	0.5	1496.5	1495.2	5	0.3	0.3	0.2	0.2	5	3.97	0.10	4.12	3.84	5	-0.06	-0.05	-0.05	-0.07
2000.	5	1498.3	0.4	1498.9	1497.9	5	0.3	0.4	0.3	0.3	5	3.56	0.08	3.69	3.48	5	-0.05	-0.03	-0.03	-0.06
2500.	5	1504.5	0.2	1504.8	1504.3	5	0.4	0.5	0.4	0.4	5	3.04	0.04	3.09	3.00	5	-0.02	-0.02	-0.02	-0.03
3000.	4	1511.7	0.3	1512.0	1511.2	4	0.5	0.5	0.4	0.4	5	2.69	0.06	2.76	2.60	5	-0.02	-0.02	-0.02	-0.03
4000.	3	1527.3	0.2	1527.5	1527.2	3	0.5	0.5	0.5	0.5	5	2.21	0.08	2.30	2.10	5	-0.01	-0.01	-0.01	-0.02
5000.	1	1544.1	3.0	1544.1	1544.1	1	0.5	0.5	0.5	0.5	1	2.05	0.00	2.05	2.05	1	0.00	0.00	0.00	0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 78 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1539.1	0.6	1539.5	1538.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	3	1539.2	0.6	1539.7	1538.5	3	0.6	0.7	0.3	0.3	3	-0.23	0.07	-0.75
20.	3	1539.4	0.7	1539.9	1538.6	3	0.4	0.6	0.3	0.6	3	-0.23	0.06	-0.76
30.	3	1539.5	0.8	1540.1	1538.6	3	0.4	0.6	0.6	0.6	3	-0.24	0.03	-0.76
50.	3	1539.1	1.1	1540.1	1538.0	2	-2.0	-1.5	-2.5	-2.5	2	-1.28	-1.07	-1.50
75.	3	1537.4	0.9	1538.5	1536.9	3	-2.0	-1.3	-2.7	-2.7	3	-1.14	-0.87	-1.44
100.	3	1535.4	1.2	1536.6	1534.2	3	-2.7	-2.0	-3.3	-3.3	3	-1.28	-1.00	-1.54
125.	3	1533.3	1.5	1534.5	1531.6	3	-2.6	-2.1	-3.2	-3.2	3	-1.22	-1.01	-1.41
150.	3	1531.2	1.7	1532.4	1529.2	3	-2.6	-2.2	-2.9	-2.9	3	-1.16	-1.04	-1.27
200.	3	1526.6	1.7	1527.8	1524.7	3	-3.0	-2.7	-3.2	-3.2	3	-1.20	-1.08	-1.26
250.	3	1523.2	0.7	1523.9	1522.6	3	-1.6	-2.4	-2.6	-2.6	3	-0.71	-0.14	-1.02
300.	3	1522.0	1.1	1522.8	1520.7	3	-0.6	-0.1	-1.4	-1.4	3	-0.35	-0.21	-0.60
400.	3	1518.8	1.8	1519.9	1516.7	3	-1.1	-0.9	-1.2	-1.2	3	-0.49	-0.43	-0.55
500.	3	1513.7	2.0	1514.9	1511.4	3	-1.7	-1.6	-1.7	-1.7	3	-0.65	-0.63	-0.66
600.	3	1509.7	2.4	1511.6	1507.0	3	-1.1	-0.8	-1.3	-1.3	3	-0.43	-0.37	-0.50
700.	3	1504.7	2.9	1507.0	1501.4	3	-1.6	-1.6	-1.7	-1.7	3	-0.59	-0.58	-0.60
800.	3	1499.6	3.0	1502.4	1496.4	3	-1.5	-1.3	-1.8	-1.8	3	-0.51	-0.46	-0.60
900.	3	1495.3	2.1	1496.8	1492.9	3	-1.0	-0.5	-1.8	-1.8	3	-0.38	-0.21	-0.59
1000.	3	1493.5	1.3	1494.6	1492.1	3	-0.5	-0.2	-0.7	-0.7	3	-0.25	-0.19	-0.35
1100.	3	1492.6	0.9	1493.4	1491.7	3	-0.2	-0.1	-0.4	-0.4	3	-0.17	-0.14	-0.22
1200.	3	1492.5	0.7	1493.1	1491.7	3	0.1	0.2	0.1	0.1	3	-0.10	-0.07	-0.13
1300.	3	1493.0	0.6	1493.5	1492.3	3	0.2	0.3	0.2	0.2	3	-0.08	-0.07	-0.09
1400.	3	1493.6	0.6	1494.0	1493.0	3	0.2	0.2	0.2	0.2	3	-0.07	-0.06	-0.09
1500.	3	1494.4	0.5	1494.7	1493.8	3	0.2	0.3	0.2	0.2	3	-0.07	-0.06	-0.09
1750.	3	1496.4	0.4	1496.8	1496.0	3	0.2	0.3	0.2	0.2	3	-0.06	-0.06	-0.07
2000.	3	1498.8	0.5	1499.4	1498.0	3	0.4	0.4	0.3	0.3	3	-0.05	-0.04	-0.05
2500.	3	1505.0	0.4	1505.4	1504.6	3	0.4	0.4	0.4	0.4	3	-0.03	-0.02	-0.03
3000.	3	1512.1	0.3	1512.4	1511.8	3	0.4	0.4	0.4	0.4	3	-0.02	-0.02	-0.02
4000.	3	1527.5	0.2	1527.7	1527.4	3	0.5	0.5	0.5	0.5	3	-0.01	-0.01	-0.01
5000.	1	1543.9	0.0	1543.9	1543.9	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 78 FOR MONTH 12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	0.15	0.21	0.09
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	0.08	0.15	0.15
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	0.43	0.85	0.65
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	0.02	0.02	0.02
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	-3.46	-2.13	-4.63
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	-1.40	-1.35	-1.45
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	-1.07	-0.61	-1.52
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	-1.05	-0.74	-1.37
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	-1.07	-0.70	-1.45

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 78 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1535.7	0.4	1535.9	1535.4	0	0.0	0.0	0.0	2	24.59	0.14	24.69	24.49	0	0.00	0.00	0.00
10.	2	1535.8	0.4	1536.1	1535.5	2	0.3	0.3	0.3	2	24.59	0.14	24.69	24.49	2	0.00	0.00	0.00
20.	2	1536.0	0.4	1536.3	1535.7	2	0.6	0.6	0.6	2	24.60	0.14	24.70	24.50	2	0.03	0.03	0.03
30.	2	1536.2	0.4	1536.5	1535.9	2	0.7	0.9	0.6	2	24.60	0.15	24.70	24.49	2	-0.03	-0.06	-0.06
50.	2	1536.5	0.5	1536.8	1536.1	2	0.7	1.0	0.3	2	24.57	0.16	24.68	24.45	2	-0.13	-0.06	-0.20
75.	2	1535.7	1.1	1536.5	1534.9	2	-0.9	-0.4	-1.5	2	23.97	0.47	24.30	23.63	2	-0.73	-0.46	-1.00
100.	2	1534.0	1.3	1534.9	1533.1	2	-3.3	-3.0	-3.5	2	23.04	0.55	23.43	22.65	2	-1.57	-1.52	-1.61
125.	2	1531.3	1.5	1532.3	1530.2	2	-3.4	-3.2	-3.5	2	21.81	0.57	22.21	21.41	2	-1.50	-1.49	-1.51
150.	2	1528.8	1.8	1530.1	1527.5	2	-2.7	-2.4	-3.0	2	20.74	0.65	21.20	20.28	2	-1.33	-1.13	-1.52
200.	2	1524.6	2.5	1526.4	1522.8	2	-0.9	-1.9	-1.9	2	19.01	0.84	19.60	18.41	2	-0.50	-0.15	-0.84
250.	2	1523.0	0.7	1523.5	1522.5	2	-1.0	-0.2	-1.8	2	18.21	0.23	18.37	18.05	2	-0.48	-0.22	-0.75
300.	2	1521.7	0.3	1521.9	1521.5	2	-0.5	-0.9	-0.9	2	17.51	0.11	17.58	17.43	2	-0.40	-0.20	-0.49
400.	2	1519.1	0.6	1519.5	1518.6	1	-1.5	-1.5	-1.5	2	16.18	0.19	16.31	16.04	2	-0.41	-0.36	-0.46
500.	2	1515.1	0.5	1515.4	1514.7	2	-1.4	-1.3	-1.5	2	14.47	0.15	14.57	14.36	2	-0.58	-0.55	-0.61
600.	2	1510.2	0.1	1510.2	1510.1	2	-1.6	-1.4	-1.8	2	12.58	0.03	12.60	12.56	2	-0.61	-0.55	-0.67
700.	2	1504.7	0.4	1504.9	1504.4	2	-2.0	-1.8	-2.3	2	10.63	0.08	10.69	10.57	2	-0.69	-0.62	-0.76
800.	2	1498.9	1.1	1499.7	1498.1	2	-1.5	-1.0	-2.1	2	8.70	0.29	8.90	8.49	2	-0.53	-0.38	-0.67
900.	2	1495.3	2.0	1496.7	1493.9	2	-0.8	-0.8	-0.9	2	7.36	0.49	7.70	7.01	2	-0.34	-0.32	-0.37
1000.	2	1493.2	1.6	1494.3	1492.1	1	-0.5	-0.5	-0.5	2	6.41	0.40	6.69	5.13	1	-0.27	-0.27	-0.27
1100.	2	1492.7	0.7	1492.7	1491.7	2	-0.2	0.1	-0.5	2	5.75	0.16	5.86	5.63	2	-0.17	-0.09	-0.25
1200.	2	1492.1	0.1	1492.1	1492.0	2	0.1	0.1	0.1	2	5.29	0.01	5.30	5.28	2	-0.09	-0.09	-0.10
1300.	2	1492.4	0.4	1492.6	1492.1	2	0.1	0.2	-0.0	2	4.95	0.07	5.00	4.90	2	-0.11	-0.09	-0.13
1400.	2	1492.8	0.6	1493.2	1492.3	2	0.1	0.2	0.1	2	4.64	0.15	4.74	4.53	2	-0.10	-0.08	-0.11
1500.	2	1493.3	0.7	1493.8	1492.8	2	0.2	0.2	0.2	2	4.38	0.16	4.49	4.26	2	-0.08	-0.07	-0.08
1750.	2	1495.6	1.0	1496.3	1494.9	2	0.3	0.3	0.3	2	3.91	0.23	4.07	3.75	2	-0.05	-0.05	-0.06
2000.	2	1498.5	0.8	1499.1	1497.9	1	0.4	0.4	0.4	2	3.60	0.18	3.73	3.47	1	-0.03	-0.03	-0.03
2500.	2	1505.0	0.4	1505.2	1504.7	2	0.4	0.4	0.4	2	3.12	0.08	3.17	3.06	2	-0.03	-0.02	-0.03

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 78 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1539.1	0.5	1539.9	1538.6	0	0.0	0.0	0.0	6	26.03	0.37	26.64	25.65	0	0.00	0.00	0.00
10.	6	1538.8	0.8	1540.1	1538.1	6	-1.1	0.7	-2.4	6	25.79	0.49	26.62	25.36	6	-0.81	-0.37	-1.56
20.	6	1538.4	1.1	1540.0	1537.5	6	-1.3	-0.3	-2.1	6	25.50	0.59	26.48	25.05	6	-0.88	-0.43	-1.40
30.	6	1537.9	1.3	1539.8	1536.8	6	-1.5	-0.6	-2.1	6	25.18	0.64	26.23	24.74	6	-0.98	-0.76	-1.41
50.	6	1536.7	1.1	1538.2	1535.3	6	-2.7	-0.4	-6.1	6	24.46	0.52	25.31	23.95	6	-1.57	-0.55	-3.35
75.	6	1534.3	1.0	1535.6	1533.2	6	-2.9	-1.0	-6.1	6	23.26	0.36	23.71	22.90	6	-1.47	-0.67	-2.84
100.	6	1532.0	1.8	1534.2	1529.6	5	-2.2	-1.5	-4.2	6	22.19	0.67	23.00	21.33	5	-1.03	-0.30	-1.71
125.	6	1530.3	1.1	1532.2	1529.3	6	-2.1	-0.2	-3.8	6	21.39	0.40	22.10	21.00	6	-0.97	-0.26	-1.54
150.	6	1528.6	1.0	1530.4	1527.5	6	-2.0	-0.6	-3.3	6	20.65	0.35	21.27	20.26	6	-0.90	-0.40	-1.37
200.	6	1525.7	1.2	1527.1	1523.9	6	-1.6	-1.0	-1.8	6	19.37	0.41	19.82	18.77	6	-0.71	-0.49	-0.91
250.	6	1523.4	0.8	1524.4	1522.1	6	-1.4	-1.0	-2.1	6	18.20	0.26	18.65	17.91	6	-0.62	-0.51	-0.84
300.	6	1521.4	1.3	1522.6	1519.9	6	-1.2	-0.1	-2.6	6	17.39	0.42	17.60	16.93	6	-0.52	-0.17	-0.96
400.	6	1517.3	3.0	1520.1	1512.8	5	-1.3	-1.0	-1.8	6	15.63	0.91	16.50	14.31	6	-0.54	-0.47	-0.61
500.	6	1513.2	3.4	1517.1	1508.2	6	-1.2	-0.9	-1.4	6	13.94	0.98	15.07	12.51	6	-0.47	-0.40	-0.54
600.	6	1508.5	3.4	1512.1	1503.9	6	-1.7	-1.3	-2.1	6	12.12	0.96	13.13	10.37	6	-0.61	-0.48	-0.69
700.	6	1502.6	4.3	1507.0	1497.5	6	-2.0	-1.6	-2.7	6	10.08	1.14	11.24	8.76	6	-0.67	-0.57	-0.62
800.	6	1497.2	4.5	1502.0	1491.9	5	-1.4	-0.6	-1.8	6	8.25	1.11	9.44	6.95	6	-0.50	-0.27	-0.62
900.	6	1493.6	3.0	1496.7	1490.2	5	-0.8	-0.4	-1.6	6	6.93	0.73	7.69	5.12	5	-0.33	-0.22	-0.50
1000.	6	1492.0	1.9	1494.2	1489.7	6	-0.2	0.1	-0.7	6	6.12	0.45	6.63	5.57	6	-0.18	-0.08	-0.30
1100.	6	1491.7	1.1	1492.8	1490.5	6	-0.1	0.2	-0.3	6	5.63	0.26	5.88	5.34	6	-0.14	-0.07	-0.21
1200.	6	1491.9	0.7	1492.7	1491.2	6	0.1	0.2	-0.0	6	5.25	0.17	5.44	5.08	6	-0.11	-0.06	-0.14
1300.	6	1492.3	0.5	1492.9	1491.6	6	0.1	0.2	0.0	6	4.93	0.13	5.08	4.75	6	-0.09	-0.07	-0.12
1400.	6	1492.8	0.5	1493.5	1492.1	6	0.1	0.2	0.0	6	4.64	0.11	4.80	4.48	6	-0.09	-0.08	-0.11
1500.	6	1493.4	0.4	1494.1	1492.9	5	0.2	0.2	0.2	6	4.39	0.10	4.54	4.26	6	-0.07	-0.05	-0.09
1750.	6	1495.8	0.2	1496.0	1495.4	6	0.3	0.4	0.3	6	3.94	0.04	3.99	3.87	6	-0.05	-0.03	-0.07
2000.	6	1498.5	0.3	1498.9	1498.1	5	0.3	0.4	0.3	6	3.59	0.07	3.67	3.50	6	-0.05	-0.04	-0.05
2500.	5	1504.7	0.2	1505.0	1504.5	5	0.4	0.4	0.4	6	3.05	0.05	3.12	3.00	6	-0.03	-0.02	-0.03
3000.	5	1511.9	0.2	1512.2	1511.7	4	0.5	0.5	0.4	6	2.73	0.04	2.79	2.68	6	-0.02	-0.02	-0.02

SUMMARY FOR QUAD-RANT 2 OF MARSDEN SQUARE 78 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	3	1540.4	0.4	1541.1	1540.4	0	0.0	0.0	0.0	3	27.08	0.11	27.16	26.95	0	0.00	0.00
10.	3	1541.0	0.3	1541.2	1540.7	3	0.7	0.9	0.3	3	27.05	0.08	27.12	26.96	3	-0.04	0.03
20.	3	1541.1	0.2	1541.2	1540.9	3	0.3	1.0	1.0	3	26.99	0.10	27.09	26.90	3	-0.17	0.10
30.	3	1541.1	0.3	1541.4	1540.8	3	0.0	0.6	-0.9	3	26.90	0.23	27.07	26.63	3	-0.27	0.16
50.	3	1539.7	0.4	1540.2	1539.5	3	-6.1	-4.6	-7.1	3	26.43	0.26	26.31	25.80	3	-3.27	-2.13
75.	3	1537.0	0.1	1537.1	1536.9	3	-1.5	-1.5	-1.5	3	24.52	0.07	24.57	24.44	3	-0.84	-0.84
100.	3	1535.9	0.2	1536.1	1535.7	3	-1.0	-0.5	-1.5	3	23.55	0.12	23.44	23.72	3	-0.59	-0.61
125.	3	1534.8	0.4	1535.1	1534.3	3	-1.4	-1.2	-1.7	3	23.14	0.21	23.32	22.94	3	-0.82	-0.74
150.	3	1533.0	0.7	1533.6	1532.3	3	-2.5	-2.3	-2.7	3	22.32	0.26	22.52	22.03	3	-1.12	-1.03
200.	3	1528.9	1.0	1529.8	1527.9	3	-2.7	-1.7	-3.7	3	20.52	0.36	20.85	20.14	3	-1.15	-0.80
250.	3	1524.7	1.4	1526.0	1523.3	3	-2.3	-1.5	-2.9	3	18.75	0.46	19.20	18.24	3	-0.98	-0.69
300.	3	1521.9	2.1	1523.8	1519.6	3	-1.6	-0.8	-2.2	3	17.58	0.69	18.21	16.84	3	-0.54	-0.40
400.	3	1517.0	2.8	1519.8	1514.3	3	-1.5	-1.4	-1.6	3	15.57	0.85	16.43	14.74	3	-0.54	-0.54
500.	3	1512.1	2.3	1514.7	1510.2	2	-1.4	-1.2	-1.5	3	13.62	0.67	14.37	13.06	2	-0.54	-0.54
600.	3	1506.5	3.2	1509.7	1503.4	3	-1.6	-1.3	-1.9	3	11.61	0.87	12.48	10.75	3	-0.56	-0.50
700.	3	1501.0	2.1	1502.8	1498.7	2	-1.1	-2.2	-2.2	3	9.68	0.55	10.15	9.08	3	-0.52	-0.45
800.	3	1495.5	2.1	1497.3	1493.2	1	-3.2	-3.2	-3.2	3	7.44	0.54	8.24	7.24	2	-0.70	-0.45
900.	3	1492.0	2.8	1493.8	1488.7	3	-0.7	-0.5	-0.9	3	6.55	0.69	7.00	5.75	3	-0.31	-0.27
1000.	3	1490.8	2.0	1492.1	1488.5	3	-0.8	-0.4	-1.4	3	5.54	0.50	6.14	5.27	3	-0.33	-0.23
1100.	3	1491.9	3.0	1491.9	1486.5	3	0.1	0.2	0.0	3	5.21	0.74	5.67	4.36	3	-0.38	-0.24
1200.	3	1490.5	2.9	1492.2	1487.2	3	0.1	0.2	0.1	3	4.94	0.71	5.38	4.12	3	-0.39	-0.27
1300.	3	1491.0	2.6	1492.6	1488.0	3	0.2	0.2	0.1	3	4.66	0.64	5.06	3.92	3	-0.09	-0.06
1400.	3	1491.8	2.3	1493.2	1489.1	3	0.2	0.3	0.2	3	4.43	0.57	4.78	3.78	3	-0.07	-0.04
1500.	3	1492.8	1.9	1493.8	1490.7	3	0.3	0.5	0.2	3	4.26	0.43	4.51	3.76	3	-0.05	-0.04
1750.	3	1495.5	0.6	1495.9	1494.9	2	0.4	0.5	0.3	3	3.91	0.13	4.00	3.76	3	-0.04	-0.05
2000.	3	1498.5	0.2	1498.6	1498.3	3	0.4	0.4	0.3	3	3.60	0.02	3.62	3.58	3	-0.04	-0.03
2500.	3	1504.9	0.1	1505.0	1504.8	2	0.4	0.4	0.4	3	3.11	0.03	3.14	3.09	3	-0.03	-0.02
3000.	3	1512.0	0.0	1512.0	1512.0	3	0.4	0.4	0.4	3	2.76	0.01	2.77	2.75	3	-0.02	-0.02
4000.	2	1527.4	0.0	1527.4	1527.4	2	0.5	0.5	0.5	3	2.34	0.09	2.44	2.28	3	-0.01	-0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SOLARE 78 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	1	29.10	0.00	29.10	29.10	0	0.00	0.00	0.00	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	1	28.67	0.00	28.67	28.67	1	-0.70	-0.70	-0.70	1	-0.70	-0.70	-0.70
20.	0	0.0	0.0	0.0	0.0	1	28.49	0.00	28.49	28.49	1	-1.16	-1.16	-1.16	1	-1.16	-1.16	-1.16
30.	0	0.0	0.0	0.0	0.0	1	27.55	0.00	27.55	27.55	1	-4.27	-4.27	-4.27	1	-4.27	-4.27	-4.27
50.	0	0.0	0.0	0.0	0.0	1	25.01	0.00	25.01	25.01	1	-3.87	-3.87	-3.87	1	-3.87	-3.87	-3.87
75.	0	0.0	0.0	0.0	0.0	1	22.36	0.00	22.36	22.36	0	0.00	0.00	0.00	0	0.00	0.00	0.00
100.	0	0.0	0.0	0.0	0.0	1	20.31	0.00	20.31	20.31	1	-2.50	-2.50	-2.50	1	-2.50	-2.50	-2.50
125.	0	0.0	0.0	0.0	0.0	1	19.65	0.00	19.65	19.65	1	-0.80	-0.80	-0.80	1	-0.80	-0.80	-0.80
150.	0	0.0	0.0	0.0	0.0	1	19.05	0.00	19.05	19.05	1	-0.73	-0.73	-0.73	1	-0.73	-0.73	-0.73
200.	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0	0.00	0.00	0.00
250.	0	0.0	0.0	0.0	0.0	1	17.76	0.00	17.76	17.76	1	-0.16	-0.16	-0.16	1	-0.16	-0.16	-0.16
300.	0	0.0	0.0	0.0	0.0	1	17.41	0.00	17.41	17.41	1	-0.21	-0.21	-0.21	1	-0.21	-0.21	-0.21
400.	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	1	-0.61	-0.61	-0.61	1	-0.61	-0.61	-0.61
500.	0	0.0	0.0	0.0	0.0	1	14.31	0.00	14.31	14.31	1	-0.65	-0.65	-0.65	1	-0.65	-0.65	-0.65
600.	0	0.0	0.0	0.0	0.0	1	12.40	0.00	12.40	12.40	0	0.00	0.00	0.00	0	0.00	0.00	0.00
700.	0	0.0	0.0	0.0	0.0	1	10.70	0.00	10.70	10.70	1	-0.52	-0.52	-0.52	1	-0.52	-0.52	-0.52
800.	0	0.0	0.0	0.0	0.0	1	9.22	0.00	9.22	9.22	1	-0.43	-0.43	-0.43	1	-0.43	-0.43	-0.43
900.	0	0.0	0.0	0.0	0.0	1	7.99	0.00	7.99	7.99	1	-0.37	-0.37	-0.37	1	-0.37	-0.37	-0.37
1000.	0	0.0	0.0	0.0	0.0	1	6.95	0.00	6.95	6.95	1	-0.32	-0.32	-0.32	1	-0.32	-0.32	-0.32
1100.	0	0.0	0.0	0.0	0.0	1	6.10	0.00	6.10	6.10	1	-0.26	-0.26	-0.26	1	-0.26	-0.26	-0.26
1200.	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	1	-0.14	-0.14	-0.14	1	-0.14	-0.14	-0.14
1300.	0	0.0	0.0	0.0	0.0	1	5.04	0.00	5.04	5.04	1	-0.13	-0.13	-0.13	1	-0.13	-0.13	-0.13
1400.	0	0.0	0.0	0.0	0.0	1	4.69	0.00	4.69	4.69	1	-0.10	-0.10	-0.10	1	-0.10	-0.10	-0.10
1500.	0	0.0	0.0	0.0	0.0	1	4.41	0.00	4.41	4.41	1	-0.09	-0.09	-0.09	1	-0.09	-0.09	-0.09

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 78 FOR MONTH 1C

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	5	1542.9	0.4	1543.4	1542.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10-	5	1543.0	0.4	1543.5	1542.6	5	0.3	0.7	0.7	-0.7	5	-0.13	-0.07	-0.44
20-	5	1543.1	0.5	1543.6	1542.3	5	1.0	4.6	4.6	-0.9	5	-0.19	-0.03	-0.73
30-	5	1543.7	1.4	1545.3	1541.7	5	1.9	6.5	6.5	-1.8	5	-0.07	0.80	-0.98
50-	5	1543.2	1.9	1544.9	1540.0	5	-1.2	0.6	-3.0	-3.0	5	-0.85	-0.06	-1.76
75-	5	1538.6	2.0	1540.9	1535.5	5	-4.9	-2.1	-6.6	-6.6	5	-2.39	-1.13	-3.17
100-	5	1535.2	2.9	1538.5	1531.7	5	-4.1	-2.1	-5.6	-5.6	5	-1.94	-1.14	-2.56
125-	5	1532.9	3.0	1536.4	1529.3	5	-2.9	-2.5	-3.4	-3.4	5	-1.33	-1.18	-1.54
150-	5	1530.4	2.7	1533.9	1527.2	5	-3.6	-2.3	-7.1	-7.1	5	-1.46	-1.07	-2.44
200-	5	1525.6	1.4	1527.4	1524.0	5	-2.3	-1.4	-4.0	-4.0	5	-0.76	-0.30	-1.61
250-	5	1523.6	0.7	1524.4	1523.0	5	-1.2	-0.6	-1.7	-1.7	5	-0.57	-0.37	-0.76
300-	5	1522.2	0.4	1522.7	1521.9	5	-0.3	-1.5	-1.5	-1.5	5	-0.24	-0.19	-0.68
400-	5	1519.5	2.8	1522.2	1515.6	5	-1.2	-3.1	-3.0	-3.0	5	-0.55	-0.20	-1.09
500-	5	1515.6	3.9	1518.9	1509.0	5	-2.1	-1.2	-3.4	-3.4	5	-0.71	-0.55	-1.16
600-	5	1509.6	4.2	1513.8	1504.3	5	-1.7	-1.4	-3.0	-3.0	5	-0.66	-0.46	-1.01
700-	5	1504.1	4.3	1509.1	1499.0	5	-1.7	-1.0	-2.1	-2.1	5	-0.62	-0.46	-0.81
800-	5	1498.8	3.5	1502.8	1494.0	5	-1.0	-0.6	-1.5	-1.5	5	-0.56	-0.39	-0.91
900-	5	1494.9	2.0	1497.2	1492.0	5	-0.2	-0.4	-0.5	-0.5	5	-0.37	-0.28	-0.53
1000-	5	1492.5	1.1	1493.7	1490.7	5	-0.1	0.1	0.3	0.3	5	-0.22	-0.18	-0.26
1100-	5	1492.0	0.9	1492.7	1490.4	5	0.0	0.1	0.0	0.0	5	-0.16	-0.11	-0.20
1200-	5	1491.9	0.8	1492.4	1490.5	5	0.1	0.1	-0.1	-0.1	5	-0.12	-0.10	-0.15
1300-	5	1492.1	0.8	1492.7	1490.8	5	0.1	0.1	0.0	0.0	5	-0.11	-0.10	-0.13
1400-	5	1492.6	0.7	1493.2	1491.5	5	0.2	0.5	0.0	0.0	5	-0.08	-0.05	-0.12
1500-	5	1493.3	0.6	1493.9	1492.5	5	0.2	0.3	0.1	0.1	5	-0.07	-0.05	-0.10
1750-	4	1496.0	0.4	1496.6	1495.7	4	0.3	0.5	0.2	0.2	4	-0.05	-0.01	-0.06
2000-	4	1498.9	1.0	1500.3	1498.4	4	0.6	1.0	0.3	0.3	4	-0.02	-0.02	-0.04
2500-	4	1505.3	1.1	1507.0	1504.6	4	0.4	0.4	0.3	0.3	4	-0.03	-0.02	-0.05
3000-	4	1512.2	0.4	1512.8	1511.9	4	0.4	0.5	0.4	0.4	4	-0.02	-0.02	-0.04
4000-	3	1527.7	0.0	1527.7	1527.7	3	0.5	0.6	0.4	0.4	3	-0.00	-0.00	-0.00
5000-	3	1544.2	0.2	1544.4	1544.1	3	0.5	0.5	0.5	0.5	3	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 7R FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1540.0	0.0	1540.0	1540.0	0	0.0	0.0	26.71	26.71	0	0.00	0.00	0.00
10.	1	1540.1	0.0	1540.1	1540.1	1	0.3	0.3	26.71	26.71	1	0.00	0.00	0.00
20.	1	1540.3	0.0	1540.3	1540.3	1	0.6	0.6	26.72	26.72	1	0.03	0.03	0.03
30.	1	1540.5	0.0	1540.5	1540.5	1	0.6	0.6	26.72	26.72	1	0.00	0.00	0.00
50.	1	1540.5	0.0	1540.5	1540.5	1	-1.5	-1.5	26.52	26.52	1	-1.07	-1.07	-1.07
75.	1	1539.4	0.0	1539.4	1539.4	1	-1.3	-1.3	25.63	25.63	1	-1.09	-1.09	-1.09
100.	1	1537.9	0.0	1537.9	1537.9	1	-2.0	-2.0	24.69	24.69	1	-1.17	-1.17	-1.17
125.	1	1535.9	0.0	1535.9	1535.9	1	-2.4	-2.4	23.69	23.69	1	-1.22	-1.22	-1.22
150.	1	1533.9	0.0	1533.9	1533.9	1	-2.4	-2.4	22.67	22.67	1	-1.24	-1.24	-1.24
200.	1	1528.4	0.0	1528.4	1528.4	1	-4.2	-4.2	20.30	20.30	1	-1.62	-1.62	-1.62
250.	1	1522.4	0.0	1522.4	1522.4	1	-3.7	-3.7	18.01	18.01	1	-1.40	-1.40	-1.40
300.	1	1518.1	0.0	1518.1	1518.1	1	-2.3	-2.3	16.38	16.38	1	-0.90	-0.90	-0.90
400.	1	1512.7	0.0	1512.7	1512.7	1	-1.0	-1.0	14.26	14.26	1	-0.44	-0.44	-0.44
500.	1	1508.5	0.0	1508.5	1508.5	0	0.0	0.0	12.58	12.58	0	0.00	0.00	0.00
600.	1	1502.2	0.0	1502.2	1502.2	1	-2.1	-2.1	10.43	10.43	1	-0.70	-0.70	-0.70
700.	1	1496.3	0.0	1496.3	1496.3	1	-1.7	-1.7	8.48	8.48	1	-0.57	-0.57	-0.57
800.	1	1491.9	0.0	1491.9	1491.9	1	-1.3	-1.3	6.96	6.96	1	-0.44	-0.44	-0.44
900.	1	1490.6	0.0	1490.6	1490.6	1	-0.1	-0.1	6.22	6.22	1	-0.17	-0.17	-0.17
1000.	1	1490.4	0.0	1490.4	1490.4	1	-0.0	-0.0	5.74	5.74	1	-0.14	-0.14	-0.14
1100.	1	1490.7	0.0	1490.7	1490.7	1	0.3	0.3	5.40	5.40	1	-0.07	-0.07	-0.07
1200.	1	1491.4	0.0	1491.4	1491.4	1	0.2	0.2	5.15	5.15	1	-0.08	-0.08	-0.08
1300.	1	1492.1	0.0	1492.1	1492.1	1	0.2	0.2	4.90	4.90	1	-0.08	-0.08	-0.08
1400.	1	1492.7	0.0	1492.7	1492.7	1	0.2	0.2	4.64	4.64	1	-0.08	-0.08	-0.08
1500.	1	1493.4	0.0	1493.4	1493.4	1	0.2	0.2	4.40	4.40	1	-0.08	-0.08	-0.08
1750.	1	1495.5	0.0	1495.5	1495.5	1	0.3	0.3	3.90	3.90	1	-0.05	-0.05	-0.05
2000.	1	1498.3	0.0	1498.3	1498.3	1	0.3	0.3	3.57	3.57	1	-0.04	-0.04	-0.04
2500.	1	1504.6	0.0	1504.6	1504.6	1	0.4	0.4	3.05	3.05	1	-0.01	-0.01	-0.01
3000.	1	1512.0	0.0	1512.0	1512.0	0	0.0	0.0	2.77	2.77	0	0.00	0.00	0.00
4000.	1	1527.5	0.0	1527.5	1527.5	1	0.5	0.5	2.31	2.31	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 78 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1536.6	0.1	1536.6	1536.5	0	0.0	0.0	0.0	2	25.23	0.52	25.60	24.86	2	0.00	0.00	0.00
10.	2	1537.0	0.1	1537.1	1536.9	2	1.4	1.5	1.2	2	25.52	0.51	25.68	24.96	2	0.27	0.30	0.24
20.	2	1537.0	0.1	1537.0	1536.9	0	0.0	0.0	0.0	2	25.18	0.35	25.42	24.93	2	-0.44	-0.09	-0.77
30.	2	1537.3	0.1	1537.3	1537.2	1	1.8	1.8	1.8	2	25.19	0.39	25.46	24.91	2	0.21	0.49	-0.06
50.	2	1539.8	3.3	1542.1	1537.4	1	0.3	0.3	0.3	2	26.00	1.56	27.10	24.89	2	0.32	0.67	-0.03
75.	2	1537.5	2.4	1539.2	1535.8	2	-3.3	-2.0	-4.7	2	24.51	0.83	25.10	23.92	2	-2.02	-1.18	-2.86
100.	2	1532.2	3.3	1534.5	1529.8	1	-6.1	-6.1	-6.1	2	22.38	1.29	23.29	21.46	2	-2.20	-1.63	-2.57
125.	2	1529.6	4.3	1532.6	1526.5	2	-2.1	-1.2	-3.0	2	21.24	1.53	22.32	20.15	2	-0.79	-0.49	-1.10
150.	2	1528.4	5.3	1532.1	1524.6	2	-1.5	-0.6	-2.3	2	20.63	1.88	21.96	19.30	2	-0.74	-0.44	-1.04
200.	2	1524.7	4.0	1527.5	1521.8	2	-3.0	-1.2	-4.9	2	19.02	1.37	19.99	18.05	2	-1.20	-0.58	-1.83

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 78 FOR MONTH 1

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	7	1532.8	1.8	1534.5	1530.1	0	0.0	0.0	0.0	20	23.68	0.50	24.10	22.19	0	0.00	0.00	0.00		
10.	7	1532.9	1.6	1534.4	1530.3	7	0.0	0.7	-1.4	20	23.56	0.45	24.05	22.24	20	-0.36	0.17	-1.07		
20.	7	1532.8	1.6	1534.2	1530.4	7	-0.1	0.6	-0.6	20	23.43	0.44	23.95	22.20	20	-0.41	-0.06	-1.04		
30.	7	1532.7	1.8	1534.0	1529.8	7	-0.4	0.6	-2.7	20	23.28	0.46	23.82	21.92	20	-0.45	0.12	-1.10		
50.	7	1532.7	1.5	1533.8	1529.6	7	0.1	1.5	-1.1	20	23.00	0.43	23.43	21.73	20	-0.43	0.34	-0.99		
75.	7	1532.8	1.5	1535.0	1530.4	7	0.1	1.5	-1.7	20	22.60	0.47	23.62	21.36	20	-0.48	0.26	-0.93		
100.	7	1530.3	1.6	1532.1	1528.2	7	-4.1	-2.6	-7.2	22	21.72	0.48	22.36	20.64	22	-1.85	-0.46	-3.00		
125.	7	1527.8	1.2	1529.5	1526.4	4	-3.2	-1.2	-4.3	22	20.45	0.40	21.55	19.97	19	-1.61	-0.45	-2.24		
150.	7	1525.7	1.0	1527.1	1524.1	7	-2.5	-1.5	-3.0	22	19.48	0.44	20.98	18.91	22	-1.03	-0.65	-2.44		
200.	6	1522.7	0.7	1523.6	1521.9	5	-1.0	-2.2	-2.6	21	18.22	0.15	18.61	18.09	20	-0.26	-0.10	-1.00		
250.	3	1522.1	0.5	1522.6	1521.7	3	-0.1	-0.1	-0.2	18	17.86	0.10	18.08	17.75	18	-0.20	-0.15	-0.22		
300.	3	1521.8	0.4	1522.2	1521.5	3	-0.2	-0.2	-0.4	18	17.50	0.10	17.70	17.36	18	-0.18	-0.06	-0.46		
400.	3	1520.1	0.4	1520.5	1519.8	3	-0.8	-0.6	-1.2	18	16.51	0.12	16.76	16.32	18	-0.44	-0.34	-0.58		
500.	3	1516.3	0.7	1516.9	1515.5	3	-1.5	-1.1	-1.9	18	14.93	0.19	15.30	14.59	18	-0.51	-0.36	-0.72		
600.	3	1511.7	0.4	1512.1	1511.4	3	-1.2	-0.8	-1.8	18	13.10	0.15	13.45	12.81	18	-0.60	-0.36	-0.84		
700.	3	1506.2	0.6	1506.6	1505.6	3	-2.2	-1.6	-2.8	18	11.05	0.16	11.27	10.65	18	-0.62	-0.34	-0.89		
800.	3	1500.2	0.2	1500.3	1500.0	3	-1.4	-1.1	-1.9	18	9.07	0.15	9.26	8.64	18	-0.51	-0.34	-0.69		
900.	3	1496.6	0.1	1496.7	1496.5	3	-0.9	-0.8	-0.9	18	7.51	0.83	7.80	4.19	18	-0.77	-0.28	-7.84		
1000.	3	1493.3	0.2	1493.6	1493.2	3	-0.7	-0.2	-1.1	18	6.53	0.13	6.77	6.33	18	-0.32	-0.18	-0.45		
1100.	3	1492.2	0.1	1492.3	1492.1	3	-0.0	-0.1	-0.1	18	5.75	0.09	5.91	5.64	18	-0.16	-0.14	-0.24		
1200.	1	1492.6	0.0	1492.6	1492.6	1	0.1	0.1	0.1	1	5.40	0.00	5.40	5.40	1	-0.09	-0.09	-0.09		
1300.	1	1493.3	0.0	1493.3	1493.3	1	0.3	0.3	0.3	1	5.16	0.00	5.16	5.16	1	-0.06	-0.06	-0.06		

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 78 FOR MONTH 2

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1530.0	0.0	1530.0	1530.0	0	0.0	0.0	22.09	22.09	0	0.00	0.00	0.00
10.	1	1530.1	0.0	1530.1	1530.1	1	0.3	0.3	22.06	22.06	1	-0.10	-0.10	-0.10
20.	1	1530.2	0.0	1530.2	1530.2	1	0.3	0.3	22.02	22.02	1	-0.12	-0.12	-0.12
30.	1	1530.2	0.0	1530.2	1530.2	1	0.0	0.0	21.98	21.98	1	-0.12	-0.12	-0.12
50.	1	1530.3	0.0	1530.3	1530.3	1	0.2	0.2	21.90	21.90	1	-0.12	-0.12	-0.12
75.	1	1530.5	0.0	1530.5	1530.5	1	0.2	0.2	21.80	21.80	1	-0.12	-0.12	-0.12
100.	1	1530.7	0.0	1530.7	1530.7	1	0.2	0.2	21.70	21.70	1	-0.12	-0.12	-0.12
125.	1	1530.9	0.0	1530.9	1530.9	0	0.0	0.0	21.60	21.60	0	0.00	0.00	0.00
150.	1	1523.4	0.0	1523.4	1523.4	1	-2.3	-2.3	18.90	18.90	1	-0.96	-0.96	-0.96
200.	1	1521.8	0.0	1521.8	1521.8	1	-0.2	-0.2	18.09	18.09	1	-0.23	-0.23	-0.23
250.	1	1521.6	0.0	1521.6	1521.6	1	-0.1	-0.1	17.76	17.76	1	-0.20	-0.20	-0.20
300.	1	1522.7	0.0	1522.7	1522.7	1	0.3	0.3	17.63	17.63	1	-0.03	-0.03	-0.03
400.	1	1520.5	0.0	1520.5	1520.5	1	-0.9	-0.9	16.64	16.64	1	-0.44	-0.44	-0.44
500.	1	1516.1	0.0	1516.1	1516.1	1	-1.6	-1.6	14.79	14.79	1	-0.62	-0.62	-0.62
600.	1	1510.4	0.0	1510.4	1510.4	1	-1.9	-1.9	12.67	12.67	1	-0.67	-0.67	-0.67
700.	1	1506.2	0.0	1506.2	1506.2	1	-1.0	-1.0	11.04	11.04	1	-0.42	-0.42	-0.42
800.	1	1502.7	0.0	1502.7	1502.7	1	-1.0	-1.0	9.64	9.64	1	-0.42	-0.42	-0.42
900.	1	1497.4	0.0	1497.4	1497.4	1	-1.9	-1.9	7.85	7.85	1	-0.62	-0.62	-0.62
1000.	1	1494.2	0.0	1494.2	1494.2	1	-0.4	-0.4	6.63	6.63	1	-0.24	-0.24	-0.24
1100.	1	1493.3	0.0	1493.3	1493.3	1	-0.3	-0.3	5.99	5.99	1	-0.20	-0.20	-0.20
1200.	1	1493.5	0.0	1493.5	1493.5	1	0.2	0.2	5.62	5.62	1	-0.08	-0.08	-0.08
1300.	1	1494.1	0.0	1494.1	1494.1	1	0.2	0.2	5.34	5.34	1	-0.09	-0.09	-0.09
1400.	1	1494.4	0.0	1494.4	1494.4	1	0.1	0.1	5.02	5.02	1	-0.10	-0.10	-0.10
1500.	1	1494.8	0.0	1494.8	1494.8	1	0.1	0.1	4.70	4.70	1	-0.10	-0.10	-0.10
1750.	1	1496.1	0.0	1496.1	1496.1	1	0.2	0.2	4.03	4.03	1	-0.08	-0.08	-0.08
2000.	1	1498.7	0.0	1498.7	1498.7	0	0.0	0.0	3.64	3.64	0	0.00	0.00	0.00
2500.	1	1505.1	0.0	1505.1	1505.1	1	0.4	0.4	3.15	3.15	1	-0.02	-0.02	-0.02
3000.	1	1512.1	0.0	1512.1	1512.1	1	0.4	0.4	2.77	2.77	1	-0.02	-0.02	-0.02
4000.	1	1527.3	0.0	1527.3	1527.3	1	0.5	0.5	2.25	2.25	1	-0.01	-0.01	-0.01
5000.	1	1544.4	0.0	1544.4	1544.4	1	0.5	0.5	2.11	2.11	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 78 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1530.5	0.0	1530.5	1530.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	1	1530.6	0.0	1530.6	1530.6	1	0.3	0.3	0.3	0.3	1	0.00	0.00	0.00
20.	1	1530.7	0.0	1530.7	1530.7	1	0.3	0.3	0.3	0.3	1	-0.09	-0.09	-0.09
30.	1	1530.7	0.0	1530.7	1530.7	1	-0.6	0.6	-0.6	-0.6	1	-0.30	-0.30	-0.30
50.	1	1530.5	0.0	1530.5	1530.5	1	-0.3	0.3	-0.3	-0.3	1	-0.26	-0.26	-0.26
75.	1	1530.5	0.0	1530.5	1530.5	1	0.0	0.0	0.0	0.0	1	-0.20	-0.20	-0.20
100.	1	1529.6	0.0	1529.6	1529.6	1	-1.1	1.1	-1.1	-1.1	1	-0.60	-0.60	-0.60
125.	1	1529.1	0.0	1529.1	1529.1	1	-0.6	0.6	-0.6	-0.6	1	-0.35	-0.35	-0.35
150.	1	1527.8	0.0	1527.8	1527.8	1	-1.6	1.6	-1.6	-1.6	1	-0.72	-0.72	-0.72
200.	1	1524.4	0.0	1524.4	1524.4	1	-2.1	2.1	-2.1	-2.1	1	-0.91	-0.91	-0.91
250.	1	1523.1	0.0	1523.1	1523.1	1	-0.8	0.8	-0.8	-0.8	1	-0.43	-0.43	-0.43
300.	1	1522.0	0.0	1522.0	1522.0	1	-0.7	0.7	-0.7	-0.7	1	-0.38	-0.38	-0.38
400.	1	1520.6	0.0	1520.6	1520.6	1	-0.4	0.4	-0.4	-0.4	1	-0.29	-0.29	-0.29
500.	1	1518.4	0.0	1518.4	1518.4	1	-0.7	0.7	-0.7	-0.7	1	-0.37	-0.37	-0.37
600.	1	1513.9	0.0	1513.9	1513.9	1	-1.4	1.4	-1.4	-1.4	1	-0.55	-0.55	-0.55
700.	1	1507.7	0.0	1507.7	1507.7	1	-1.9	1.9	-1.9	-1.9	1	-0.67	-0.67	-0.67
800.	1	1502.8	0.0	1502.8	1502.8	1	-1.5	1.5	-1.5	-1.5	1	-0.54	-0.54	-0.54
900.	1	1497.7	0.0	1497.7	1497.7	1	-1.6	1.6	-1.6	-1.6	1	-0.53	-0.53	-0.53
1000.	1	1494.4	0.0	1494.4	1494.4	1	-1.0	1.0	-1.0	-1.0	1	-0.39	-0.39	-0.39
1100.	1	1493.7	0.0	1493.7	1493.7	1	-0.2	0.2	-0.2	-0.2	1	-0.18	-0.18	-0.18
1200.	1	1493.4	0.0	1493.4	1493.4	1	-0.1	0.1	-0.1	-0.1	1	-0.15	-0.15	-0.15
1300.	1	1493.8	0.0	1493.8	1493.8	1	0.1	0.1	0.1	0.1	1	-0.10	-0.10	-0.10
1400.	1	1494.2	0.0	1494.2	1494.2	1	0.1	0.1	0.1	0.1	1	-0.09	-0.09	-0.09
1500.	1	1494.8	0.0	1494.8	1494.8	1	0.2	0.2	0.2	0.2	1	-0.09	-0.09	-0.09
1750.	1	1496.6	0.0	1496.6	1496.6	1	0.2	0.2	0.2	0.2	1	-0.07	-0.07	-0.07
2000.	1	1498.9	0.0	1498.9	1498.9	1	0.3	0.3	0.3	0.3	1	-0.05	-0.05	-0.05
2500.	1	1505.2	0.0	1505.2	1505.2	1	0.4	0.4	0.4	0.4	1	-0.03	-0.03	-0.03
3000.	1	1512.2	0.0	1512.2	1512.2	1	0.4	0.4	0.4	0.4	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 78 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1537.2	0.0	1537.2	1537.2	0	0.0	0.0	0.0	1	24.94	0.00	24.94	24.94	0	0.00	0.00	0.00
10.	1	1536.3	0.0	1536.3	1536.3	1	-3.0	-3.0	-3.0	1	24.48	0.00	24.48	24.48	1	-1.56	-1.56	-1.56
20.	1	1535.2	0.0	1535.2	1535.2	1	-3.4	-3.4	-3.4	1	23.98	0.00	23.98	23.98	1	-1.52	-1.52	-1.52
30.	1	1534.1	0.0	1534.1	1534.1	1	-3.4	-3.4	-3.4	1	23.48	0.00	23.48	23.48	1	-1.52	-1.52	-1.52
50.	1	1532.0	0.0	1532.0	1532.0	1	-3.2	-3.2	-3.2	1	22.53	0.00	22.53	22.53	1	-1.45	-1.45	-1.45
75.	1	1529.2	0.0	1529.2	1529.2	1	-3.4	-3.4	-3.4	1	21.31	0.00	21.31	21.31	1	-1.49	-1.49	-1.49
100.	1	1526.9	0.0	1526.9	1526.9	1	-2.8	-2.8	-2.8	1	20.33	0.00	20.33	20.33	1	-1.19	-1.19	-1.19
125.	1	1525.5	0.0	1525.5	1525.5	1	-1.7	-1.7	-1.7	1	19.68	0.00	19.68	19.68	1	-0.79	-0.79	-0.79
150.	1	1524.2	0.0	1524.2	1524.2	1	-3.0	-3.0	-3.0	1	19.11	0.00	19.11	19.11	1	-0.61	-0.61	-0.61
200.	1	1522.2	0.0	1522.2	1522.2	1	-3.0	-3.0	-3.0	1	18.21	0.00	18.21	18.21	1	-0.30	-0.30	-0.30
250.	1	1521.8	0.0	1521.8	1521.8	1	-0.2	-0.2	-0.2	1	17.79	0.00	17.79	17.79	1	-0.26	-0.26	-0.26
300.	1	1521.2	0.0	1521.2	1521.2	1	0.0	0.0	0.0	1	17.34	0.00	17.34	17.34	1	-0.30	-0.30	-0.30
400.	1	1519.6	0.0	1519.6	1519.6	1	-1.5	-1.5	-1.5	1	16.33	0.00	16.33	16.33	1	-0.30	-0.30	-0.30
500.	1	1516.4	0.0	1516.4	1516.4	1	-1.5	-1.5	-1.5	1	14.88	0.00	14.88	14.88	1	-0.61	-0.61	-0.61
600.	1	1511.2	0.0	1511.2	1511.2	1	-2.0	-2.0	-2.0	1	12.89	0.00	12.89	12.89	1	-0.71	-0.71	-0.71
700.	1	1505.6	0.0	1505.6	1505.6	1	-1.0	-1.0	-1.0	1	10.86	0.00	10.86	10.86	1	-0.51	-0.51	-0.51
800.	1	1500.6	0.0	1500.6	1500.6	1	-1.5	-1.5	-1.5	1	9.11	0.00	9.11	9.11	1	-0.53	-0.53	-0.53
900.	1	1496.0	0.0	1496.0	1496.0	1	-1.8	-1.8	-1.8	1	7.50	0.00	7.50	7.50	1	-0.55	-0.55	-0.55
1000.	1	1492.5	0.0	1492.5	1492.5	1	-0.6	-0.6	-0.6	1	6.23	0.00	6.23	6.23	1	-0.18	-0.18	-0.18
1100.	1	1492.4	0.0	1492.4	1492.4	1	0.0	0.0	0.0	1	5.78	0.00	5.78	5.78	1	-0.10	-0.10	-0.10
1200.	1	1492.8	0.0	1492.8	1492.8	1	0.0	0.0	0.0	1	5.44	0.00	5.44	5.44	1	-0.08	-0.08	-0.08
1300.	1	1493.3	0.0	1493.3	1493.3	1	0.2	0.2	0.2	1	5.16	0.00	5.16	5.16	1	-0.09	-0.09	-0.09
1400.	1	1493.8	0.0	1493.8	1493.8	1	0.0	0.0	0.0	1	4.87	0.00	4.87	4.87	1	-0.12	-0.12	-0.12
1500.	1	1494.1	0.0	1494.1	1494.1	1	0.1	0.1	0.1	1	4.53	0.00	4.53	4.53	1	-0.10	-0.10	-0.10
1750.	1	1496.0	0.0	1496.0	1496.0	1	0.3	0.3	0.3	1	3.98	0.00	3.98	3.98	1	-0.06	-0.06	-0.06
2000.	1	1499.0	0.0	1499.0	1499.0	1	0.3	0.3	0.3	1	3.71	0.00	3.71	3.71	1	-0.03	-0.03	-0.03
2500.	1	1504.9	0.0	1504.9	1504.9	1	0.3	0.3	0.3	1	3.10	0.00	3.10	3.10	1	0.00	0.00	0.00
3000.	1	1512.4	0.0	1512.4	1512.4	1	0.4	0.4	0.4	1	2.85	0.00	2.85	2.85	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 78 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
10.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
20.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
30.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
50.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
75.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
100.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
125.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
150.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
200.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
250.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
300.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.10	0.00	-0.10	-0.10	
400.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.21	0.00	-0.21	-0.21	
500.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.46	0.00	-0.46	-0.46	
600.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.67	0.00	-0.67	-0.67	
700.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.71	0.00	-0.71	-0.71	
800.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.62	0.00	-0.62	-0.62	
900.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.48	0.00	-0.48	-0.48	
1000.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.18	0.00	-0.18	-0.18	
1100.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.18	0.00	-0.18	-0.18	
1200.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.10	0.00	-0.10	-0.10	
1300.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.05	0.00	-0.05	-0.05	
1400.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.04	0.00	-0.04	-0.04	
1500.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.11	0.00	-0.11	-0.11	
1750.	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1	-0.06	0.00	-0.06	-0.06	

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 78 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1537.8	0.0	1537.8	1537.8	0	0.0	0.0	0.0	3	26.20	1.12	27.40	25.19	0	0.00	0.00	0.00
10.	1	1537.9	0.0	1537.9	1537.9	1	0.3	0.3	0.3	3	26.19	0.89	26.79	25.17	3	-0.76	0.18	-2.41
20.	1	1538.1	0.0	1538.1	1538.1	1	0.6	0.6	0.6	3	25.94	0.83	26.61	25.16	3	-0.79	-0.03	-2.35
30.	1	1538.2	0.0	1538.2	1538.2	1	0.3	0.3	0.3	3	25.67	0.99	26.91	25.05	3	-0.82	-0.06	-2.41
50.	1	1538.5	0.0	1538.5	1538.5	1	0.4	0.4	0.4	3	24.98	1.24	26.16	23.68	3	-1.37	-0.04	-2.09
75.	1	1538.8	0.0	1538.8	1538.8	1	0.4	0.4	0.4	3	23.17	1.67	25.07	21.91	3	-1.12	-0.05	-1.90
100.	1	1536.8	0.0	1536.8	1536.8	1	-4.8	-4.8	-4.8	3	22.08	1.78	24.08	20.67	3	-1.63	-1.26	-2.11
125.	1	1533.2	0.0	1533.2	1533.2	1	-4.4	-4.4	-4.4	3	20.98	1.39	22.52	19.83	3	-1.35	-1.02	-1.90
150.	1	1530.1	0.0	1530.1	1530.1	1	-3.8	-3.8	-3.8	3	20.03	1.06	21.19	19.11	3	-1.16	-0.88	-1.62
200.	1	1525.9	0.0	1525.9	1525.9	1	-1.9	-1.9	-1.9	3	18.69	0.71	19.45	18.06	3	-0.74	-0.64	-0.82
250.	1	1523.4	0.0	1523.4	1523.4	1	-1.5	-1.5	-1.5	3	17.90	0.42	18.34	17.51	3	-0.48	-0.34	-0.68
300.	1	1522.5	0.0	1522.5	1522.5	1	-0.3	-0.3	-0.3	2	17.57	0.27	17.76	17.38	2	-0.28	-0.28	-0.29
400.	1	1518.7	0.0	1518.7	1518.7	1	-1.6	-1.6	-1.6	2	16.57	0.74	17.09	16.05	2	-0.37	-0.09	-0.63
500.	1	1515.1	0.0	1515.1	1515.1	1	-0.9	-0.9	-0.9	2	15.11	0.87	15.72	14.49	2	-0.42	-0.41	-0.42
600.	1	1512.0	0.0	1512.0	1512.0	1	-0.9	-0.9	-0.9	2	13.57	0.64	14.02	13.11	2	-0.47	-0.42	-0.52
700.	1	1507.8	0.0	1507.8	1507.8	1	-1.4	-1.4	-1.4	2	11.73	0.37	11.99	11.46	2	-0.57	-0.52	-0.62
800.	1	1503.3	0.0	1503.3	1503.3	1	-1.4	-1.4	-1.4	2	10.11	0.37	10.37	9.84	2	-0.49	-0.49	-0.49
900.	1	1496.4	0.0	1496.4	1496.4	0	0.0	0.0	0.0	2	8.14	0.72	8.65	7.63	2	-0.61	-0.52	-0.70
1000.	1	1494.9	0.0	1494.9	1494.9	1	-0.2	-0.2	-0.2	2	7.07	0.32	7.29	6.84	2	-0.29	-0.17	-0.41
1100.	1	1494.4	0.0	1494.4	1494.4	1	-0.5	-0.5	-0.5	2	6.46	0.23	6.62	6.29	2	-0.20	-0.20	-0.20
1200.	1	1493.9	0.0	1493.9	1493.9	1	-0.2	-0.2	-0.2	2	5.93	0.26	6.11	5.74	2	-0.16	-0.16	-0.17
1300.	1	1494.0	0.0	1494.0	1494.0	1	0.2	0.2	0.2	2	5.58	0.34	5.82	5.34	2	-0.08	-0.08	-0.09
1400.	1	1494.7	0.0	1494.7	1494.7	1	0.2	0.2	0.2	2	5.33	0.33	5.56	5.10	2	-0.08	-0.07	-0.09
1500.	1	1495.4	0.0	1495.4	1495.4	1	0.2	0.2	0.2	2	5.12	0.36	5.37	4.86	2	-0.07	-0.06	-0.07
1750.	1	1497.2	0.0	1497.2	1497.2	1	0.2	0.2	0.2	2	4.56	0.39	4.83	4.28	2	-0.07	-0.07	-0.07
2000.	1	1499.2	0.0	1499.2	1499.2	1	0.2	0.2	0.2	2	4.08	0.45	4.39	3.76	2	-0.06	-0.05	-0.06
2500.	1	1505.1	0.0	1505.1	1505.1	1	0.4	0.4	0.4	2	3.36	0.29	3.56	3.15	2	-0.04	-0.03	-0.05
3000.	1	1512.3	0.0	1512.3	1512.3	1	0.4	0.4	0.4	2	3.06	0.33	3.29	2.82	2	-0.02	-0.02	-0.02
4000.	1	1527.2	0.0	1527.2	1527.2	1	0.5	0.5	0.5	1	2.25	0.00	2.25	2.25	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 78 FOR MONTH 12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1536.1	0.9	1536.7	1535.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	2	1536.4	1.0	1537.1	1535.7	2	1.1	1.2	0.9	0.0	2	0.27	0.30	0.24
20.	2	1536.6	1.0	1537.3	1535.9	0	0.0	0.0	0.0	0.0	2	0.02	0.03	0.03
30.	2	1536.8	0.9	1537.4	1536.1	0	0.0	0.0	0.0	0.0	2	-0.12	-0.24	-0.24
50.	2	1536.9	0.6	1537.3	1536.4	2	0.2	0.5	-0.2	0.0	2	-0.13	-0.26	-0.26
75.	2	1534.2	2.8	1536.1	1532.2	2	-3.6	-1.5	-5.7	0.0	2	-1.65	-0.99	-2.31
100.	2	1532.0	1.7	1533.2	1530.8	2	-1.9	-1.7	-2.0	0.0	2	-1.00	-0.99	-1.00
125.	2	1531.0	1.6	1532.1	1529.8	0	0.0	0.0	0.0	0.0	2	-0.73	-0.55	-0.91
150.	2	1528.8	2.8	1530.8	1526.8	2	-2.9	-1.6	-4.3	0.0	2	-1.22	-0.77	-1.67
200.	1	1525.0	0.0	1525.0	1525.0	1	-5.8	-5.8	-5.8	0.0	2	-1.49	-0.98	-2.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 78 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1528.9	2.5	1531.6	1526.7	0	0.0	0.0	0.0	4	22.03	0.91	22.80	20.99	0	0.00	0.00	0.00
10.	3	1529.2	2.6	1532.1	1527.0	3	1.1	1.7	0.6	4	21.91	0.81	22.91	21.03	4	-0.37	0.44	-2.04
20.	3	1529.3	2.6	1532.2	1527.1	3	0.3	0.3	0.3	4	21.74	0.80	22.88	21.03	4	-0.50	-0.09	-1.92
30.	3	1529.5	2.6	1532.4	1527.3	3	0.6	0.6	0.6	4	21.59	0.90	22.87	20.91	4	-0.46	-0.03	-1.80
50.	3	1529.9	2.7	1532.8	1527.6	3	0.5	0.9	0.5	4	21.32	1.25	22.88	19.87	4	-0.29	0.30	-1.58
75.	3	1530.3	2.7	1533.3	1528.1	3	-0.7	0.6	-3.0	4	21.07	1.71	22.92	18.80	4	-0.54	0.05	-1.30
100.	4	1526.8	4.9	1531.9	1520.2	3	-1.7	-0.6	-2.6	4	20.38	1.73	22.21	18.08	3	-0.82	-0.37	-1.18
125.	4	1525.4	4.3	1530.2	1519.8	3	-1.7	-0.5	-2.4	4	19.73	1.49	21.42	17.92	3	-0.78	-0.32	-1.05
150.	4	1524.0	3.5	1528.7	1519.6	4	-1.8	-0.2	-3.0	4	19.11	1.22	20.56	17.60	4	-0.76	-0.27	-1.07
200.	3	1521.1	1.8	1523.1	1519.5	3	-0.5	0.6	-1.6	3	17.86	0.62	18.53	17.30	3	-0.35	-0.03	-0.71
250.	2	1521.5	1.3	1522.7	1520.2	2	0.1	0.4	-0.2	2	17.69	0.59	18.10	17.27	2	-0.14	-0.02	-0.26
300.	2	1521.7	1.2	1522.5	1520.8	2	0.1	0.4	-0.1	2	17.49	0.37	17.75	17.22	2	-0.12	-0.03	-0.21
400.	2	1522.5	0.6	1522.9	1522.0	2	0.3	0.3	0.2	2	17.21	0.20	17.35	17.07	2	-0.09	-0.08	-0.10
500.	2	1523.3	0.8	1523.3	1522.2	2	-0.3	0.5	-1.0	2	16.78	0.21	16.93	16.63	2	-0.21	-0.02	-0.41
600.	2	1520.8	5.4	1524.6	1517.0	2	-1.0	0.3	-2.4	2	15.70	1.59	16.82	14.57	2	-0.47	-0.09	-0.85
700.	2	1517.3	9.7	1523.6	1510.9	2	-2.0	-1.6	-2.3	2	14.18	2.62	16.03	12.33	2	-0.73	-0.62	-0.85
800.	2	1510.1	6.9	1514.9	1505.2	2	-2.5	-1.7	-3.4	2	11.67	1.90	13.01	10.33	2	-0.87	-0.61	-1.13
900.	2	1502.7	1.2	1504.9	1500.4	2	-2.2	-1.4	-3.0	2	9.22	0.85	9.82	8.62	2	-0.74	-0.51	-0.97
1000.	2	1496.7	2.0	1498.1	1495.3	2	-1.8	-1.5	-2.1	2	7.26	0.48	7.60	6.92	2	-0.60	-0.52	-0.68
1100.	2	1494.4	0.8	1494.9	1493.8	2	-0.7	-0.3	-1.0	2	6.25	0.18	6.38	6.12	2	-0.27	-0.17	-0.37
1200.	2	1493.4	0.3	1493.6	1493.2	2	1.4	3.0	-0.2	2	5.59	0.06	5.63	5.55	2	-0.08	-0.17	-0.17
1300.	2	1493.6	0.9	1494.0	1492.7	2	-0.1	-0.2	-0.2	2	5.18	0.22	5.33	5.02	2	-0.13	-0.10	-0.17
1400.	2	1493.6	1.0	1494.3	1492.9	2	0.1	0.2	0.2	2	4.83	0.22	4.98	4.67	2	-0.10	-0.07	-0.12
1500.	2	1494.2	0.6	1494.6	1493.7	2	0.3	0.4	0.2	2	4.55	0.14	4.65	4.45	2	-0.06	-0.07	-0.09
1750.	1	1496.3	0.0	1496.3	1496.3	1	0.2	0.2	0.2	1	4.07	0.00	4.07	4.07	1	-0.07	-0.07	-0.07

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 78 FUR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1527.3	0.0	1527.3	1527.3	0	0.0	0.0	0.0	1	21.14	0.00	21.14	21.14	0	0.00	0.00	0.00
10.	1	1527.4	0.0	1527.4	1527.4	1	0.3	0.3	0.3	1	21.13	0.00	21.13	21.13	1	-0.03	-0.03	-0.03
20.	2	1527.5	0.0	1527.5	1527.5	1	0.3	0.3	0.3	1	21.12	0.00	21.12	21.12	1	-0.03	-0.03	-0.03
30.	1	1527.6	0.0	1527.6	1527.6	1	0.3	0.3	0.3	1	21.10	0.00	21.10	21.10	1	-0.06	-0.06	-0.06
40.	1	1527.8	0.0	1527.8	1527.8	1	0.3	0.3	0.3	1	21.04	0.00	21.04	21.04	1	-0.09	-0.09	-0.09
50.	1	1527.9	0.0	1527.9	1527.9	1	0.1	0.1	0.1	1	20.93	0.00	20.93	20.93	1	-0.13	-0.13	-0.13
60.	1	1527.9	0.0	1527.9	1527.9	1	0.0	0.0	0.0	1	20.78	0.00	20.78	20.78	1	-0.18	-0.18	-0.18
70.	1	1527.8	0.0	1527.8	1527.8	1	-0.1	-0.1	-0.1	1	20.60	0.00	20.60	20.60	1	-0.22	-0.22	-0.22
80.	1	1527.6	0.0	1527.6	1527.6	1	-0.2	-0.2	-0.2	1	20.38	0.00	20.38	20.38	1	-0.27	-0.27	-0.27
90.	1	1522.7	0.0	1522.7	1522.7	1	-3.0	-3.0	-3.0	1	18.38	0.00	18.38	18.38	1	-1.22	-1.22	-1.22
100.	1	1522.5	0.0	1522.5	1522.5	1	-0.1	-0.1	-0.1	1	18.03	0.00	18.03	18.03	1	-0.21	-0.21	-0.21
110.	1	1522.4	0.0	1522.4	1522.4	1	0.6	0.6	0.6	1	17.74	0.00	17.74	17.74	1	-0.06	-0.06	-0.06
120.	1	1522.2	0.0	1522.2	1522.2	1	-0.6	-0.6	-0.6	1	17.16	0.00	17.16	17.16	1	-0.30	-0.30	-0.30
130.	1	1519.5	0.0	1519.5	1519.5	1	-1.8	-1.8	-1.8	1	15.83	0.00	15.83	15.83	1	-0.67	-0.67	-0.67
140.	1	1514.3	0.0	1514.3	1514.3	0	0.0	0.0	0.0	1	13.76	0.00	13.76	13.76	0	0.00	0.00	0.00
150.	1	1509.1	0.0	1509.1	1509.1	1	-1.5	-1.5	-1.5	1	11.82	0.00	11.82	11.82	1	-0.58	-0.58	-0.58
160.	1	1504.0	0.0	1504.0	1504.0	1	-1.5	-1.5	-1.5	1	10.01	0.00	10.01	10.01	1	-0.55	-0.55	-0.55
170.	1	1499.2	0.0	1499.2	1499.2	1	-1.5	-1.5	-1.5	1	8.31	0.00	8.31	8.31	1	-0.52	-0.52	-0.52
180.	1	1495.5	0.0	1495.5	1495.5	1	-0.6	-0.6	-0.6	1	6.95	0.00	6.95	6.95	1	-0.26	-0.26	-0.26
190.	1	1494.3	0.0	1494.3	1494.3	1	-0.4	-0.4	-0.4	1	6.21	0.00	6.21	6.21	1	-0.23	-0.23	-0.23
200.	1	1493.6	0.0	1493.6	1493.6	1	0.0	0.0	0.0	1	5.64	0.00	5.64	5.64	1	-0.12	-0.12	-0.12
210.	1	1493.7	0.0	1493.7	1493.7	1	0.0	0.0	0.0	1	5.25	0.00	5.25	5.25	1	-0.12	-0.12	-0.12
220.	1	1494.0	0.0	1494.0	1494.0	1	0.2	0.2	0.2	1	4.92	0.00	4.92	4.92	1	-0.06	-0.06	-0.06
230.	1	1494.6	0.0	1494.6	1494.6	1	0.2	0.2	0.2	1	4.67	0.00	4.67	4.67	1	-0.08	-0.08	-0.08
240.	1	1490.5	0.0	1490.5	1490.5	1	0.0	0.0	0.0	1	4.12	0.00	4.12	4.12	1	-0.06	-0.06	-0.06
250.	1	1490.0	0.0	1490.0	1490.0	1	0.3	0.3	0.3	1	3.70	0.00	3.70	3.70	1	-0.05	-0.05	-0.05
260.	1	1505.1	0.0	1505.1	1505.1	0	0.0	0.0	0.0	1	3.14	0.00	3.14	3.14	0	0.00	0.00	0.00
270.	1	1512.0	0.0	1512.0	1512.0	1	0.4	0.4	0.4	1	2.75	0.00	2.75	2.75	1	-0.02	-0.02	-0.02
280.	1	1527.5	0.0	1527.5	1527.5	1	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31	1	-0.01	-0.01	-0.01
290.	1	1544.4	0.0	1544.4	1544.4	1	0.5	0.5	0.5	1	2.10	0.00	2.10	2.10	1	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUAPE 78 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1526.3	0.0	1526.3	1526.3	0	0.0	0.0	0.0	1	20.79	0.00	20.79	20.79	0	0.00	0.00	0.00
10.	1	1526.3	0.0	1526.3	1526.3	1	0.0	0.0	0.0	1	20.74	0.00	20.74	20.74	1	-0.17	-0.17	-0.17
20.	1	1526.3	0.0	1526.3	1526.3	1	0.0	0.0	0.0	1	20.67	0.00	20.67	20.67	1	-0.21	-0.21	-0.21
30.	1	1526.3	0.0	1526.3	1526.3	1	0.0	0.0	0.0	1	20.60	0.00	20.60	20.60	1	-0.21	-0.21	-0.21
50.	1	1526.2	0.0	1526.2	1526.2	1	0.0	0.0	0.0	1	20.44	0.00	20.44	20.44	1	-0.30	-0.30	-0.30
75.	1	1526.0	0.0	1526.0	1526.0	1	-0.2	-0.2	-0.2	1	20.22	0.00	20.22	20.22	1	-0.27	-0.27	-0.27
100.	1	1525.4	0.0	1525.4	1525.4	1	-1.5	-1.5	-1.5	1	19.89	0.00	19.89	19.89	1	-0.69	-0.69	-0.69
125.	1	1524.4	0.0	1524.4	1524.4	1	-1.2	-1.2	-1.2	1	19.39	0.00	19.39	19.39	1	-0.61	-0.61	-0.61
150.	1	1523.5	0.0	1523.5	1523.5	1	-1.1	-1.1	-1.1	1	18.95	0.00	18.95	18.95	1	-0.54	-0.54	-0.54
200.	1	1522.4	0.0	1522.4	1522.4	1	0.0	0.0	0.0	1	18.29	0.00	18.29	18.29	1	-0.23	-0.23	-0.23
250.	1	1522.2	0.0	1522.2	1522.2	1	-0.1	-0.1	-0.1	1	17.94	0.00	17.94	17.94	1	-0.21	-0.21	-0.21
300.	1	1521.9	0.0	1521.9	1521.9	1	0.0	0.0	0.0	1	17.58	0.00	17.58	17.58	1	-0.20	-0.20	-0.20
400.	1	1521.1	0.0	1521.1	1521.1	1	-0.2	-0.2	-0.2	1	16.81	0.00	16.81	16.81	1	-0.23	-0.23	-0.23
500.	1	1519.3	0.0	1519.3	1519.3	1	-0.8	-0.8	-0.8	1	15.73	0.00	15.73	15.73	1	-0.41	-0.41	-0.41
600.	1	1515.7	0.0	1515.7	1515.7	1	-1.3	-1.3	-1.3	1	14.18	0.00	14.18	14.18	1	-0.51	-0.51	-0.51
700.	1	1510.3	0.0	1510.3	1510.3	0	0.0	0.0	0.0	1	12.20	0.00	12.20	12.20	1	-0.70	-0.70	-0.70
800.	1	1504.0	0.0	1504.0	1504.0	1	-1.9	-1.9	-1.9	1	10.01	0.00	10.01	10.01	1	-0.66	-0.66	-0.66
900.	1	1498.3	0.0	1498.3	1498.3	1	-1.7	-1.7	-1.7	1	8.09	0.00	8.09	8.09	1	-0.57	-0.57	-0.57
1000.	1	1495.1	0.0	1495.1	1495.1	1	-0.5	-0.5	-0.5	1	6.86	0.00	6.86	6.86	1	-0.27	-0.27	-0.27
1100.	1	1493.3	0.0	1493.3	1493.3	1	-0.6	-0.6	-0.6	1	6.00	0.00	6.00	6.00	1	-0.28	-0.28	-0.28
1200.	1	1492.9	0.0	1492.9	1492.9	1	0.1	0.1	0.1	1	5.49	0.00	5.49	5.49	1	-0.10	-0.10	-0.10
1300.	1	1493.4	0.0	1493.4	1493.4	1	0.2	0.2	0.2	1	5.19	0.00	5.19	5.19	1	-0.09	-0.09	-0.09
1400.	1	1493.9	0.0	1493.9	1493.9	1	0.2	0.2	0.2	1	4.91	0.00	4.91	4.91	1	-0.09	-0.09	-0.09
1500.	1	1494.5	0.0	1494.5	1494.5	1	0.2	0.2	0.2	1	4.65	0.00	4.65	4.65	1	-0.08	-0.08	-0.08
1750.	1	1496.5	0.0	1496.5	1496.5	1	0.3	0.3	0.3	1	4.12	0.00	4.12	4.12	1	-0.05	-0.05	-0.05
2000.	1	1497.5	0.0	1497.5	1497.5	0	0.0	0.0	0.0	1	3.37	0.00	3.37	3.37	1	-0.18	-0.18	-0.18
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.24	0.00	3.24	3.24	1	-0.02	-0.02	-0.02
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.90	0.00	2.90	2.90	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 78 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1531.6	0.0	1531.6	1531.6	0	0.0	0.0	22.86	22.86	0	0.00	0.00	0.00
10.	1	1530.9	0.0	1530.9	1530.9	1	-2.4	0.0	22.50	22.50	1	-1.22	-1.22	-1.22
20.	1	1530.1	0.0	1530.1	1530.1	1	-2.4	0.0	22.12	22.12	1	-1.16	-1.16	-1.16
30.	1	1529.4	0.0	1529.4	1529.4	1	-2.1	0.0	21.78	21.78	1	-1.04	-1.04	-1.04
50.	1	1528.2	0.0	1528.2	1528.2	1	-1.8	0.0	21.20	21.20	1	-0.88	-0.88	-0.88
75.	1	1527.4	0.0	1527.4	1527.4	1	-1.0	0.0	20.75	20.75	1	-0.55	-0.55	-0.55
100.	1	1526.6	0.0	1526.6	1526.6	1	0.0	0.0	20.29	20.29	1	-0.61	-0.61	-0.61
125.	1	1525.3	0.0	1525.3	1525.3	1	-1.6	0.0	19.72	19.72	1	-0.69	-0.69	-0.69
150.	1	1524.3	0.0	1524.3	1524.3	1	-1.2	0.0	19.22	19.22	1	-0.61	-0.61	-0.61
200.	1	1522.8	0.0	1522.8	1522.8	1	0.0	0.0	18.44	18.44	1	-0.30	-0.30	-0.30
250.	1	1522.6	0.0	1522.6	1522.6	1	-0.1	0.0	18.08	18.08	1	-0.22	-0.22	-0.22
300.	1	1522.3	0.0	1522.3	1522.3	1	0.0	0.0	17.71	17.71	1	-0.15	-0.15	-0.15
400.	1	1521.5	0.0	1521.5	1521.5	1	-1.5	0.0	16.94	16.94	1	-0.46	-0.46	-0.46
500.	1	1518.1	0.0	1518.1	1518.1	1	-1.0	0.0	15.39	15.39	1	-0.51	-0.51	-0.51
600.	1	1513.8	0.0	1513.8	1513.8	1	-1.5	0.0	13.64	13.64	1	-0.61	-0.61	-0.61
700.	1	1509.0	0.0	1509.0	1509.0	1	-0.8	0.0	11.81	11.81	1	-0.46	-0.46	-0.46
800.	1	1504.5	0.0	1504.5	1504.5	1	-1.8	0.0	10.14	10.14	1	-0.61	-0.61	-0.61
900.	1	1499.6	0.0	1499.6	1499.6	1	-1.8	0.0	8.43	8.43	1	-0.49	-0.49	-0.49
1000.	1	1496.1	0.0	1496.1	1496.1	1	-0.5	0.0	7.10	7.10	1	-0.25	-0.25	-0.25
1100.	1	1494.6	0.0	1494.6	1494.6	1	-0.5	0.0	6.30	6.30	1	-0.24	-0.24	-0.24
1200.	1	1493.8	0.0	1493.8	1493.8	1	0.0	0.0	5.70	5.70	1	-0.13	-0.13	-0.13
1300.	1	1494.1	0.0	1494.1	1494.1	1	0.1	0.1	5.36	5.36	1	-0.10	-0.10	-0.10
1400.	1	1494.6	0.0	1494.6	1494.6	1	0.4	0.4	5.05	5.05	1	-0.08	-0.08	-0.08
1500.	1	1495.0	0.0	1495.0	1495.0	1	0.1	0.1	4.76	4.76	1	-0.09	-0.09	-0.09
1750.	1	1496.9	0.0	1496.9	1496.9	1	0.3	0.3	4.20	4.20	1	-0.06	-0.06	-0.06
2000.	1	1499.3	0.0	1499.3	1499.3	1	0.3	0.3	3.79	3.79	1	-0.05	-0.05	-0.05
2500.	1	1505.4	0.0	1505.4	1505.4	1	0.5	0.5	3.21	3.21	1	-0.02	-0.02	-0.02
3000.	1	1512.3	0.0	1512.3	1512.3	1	0.4	0.4	2.83	2.83	1	-0.02	-0.02	-0.02
4000.	1	1527.7	0.0	1527.7	1527.7	1	0.5	0.5	2.34	2.34	1	-0.01	-0.01	-0.01
5000.	1	1544.4	0.0	1544.4	1544.4	1	0.5	0.5	2.11	2.11	1	0.00	0.00	0.00
6000.	1	1562.8	0.0	1562.8	1562.8	1	0.6	0.6	2.19	2.19	1	0.01	0.01	0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 78 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1536.2	4.5	1539.0	1531.1	0	0.0	0.0	0.0	22.65	0	0.00	0.00	0.00
10.	3	1535.8	4.2	1537.5	1531.0	3	-1.3	-0.3	-2.0	22.55	3	-0.86	-0.30	-1.19
20.	3	1535.4	3.8	1537.8	1531.0	3	-1.4	-2.1	-2.1	22.46	3	-0.83	-0.27	-1.13
30.	3	1534.7	3.8	1537.1	1530.3	3	-2.6	-2.1	-3.7	22.15	3	-1.25	-1.07	-1.59
50.	3	1532.6	5.1	1535.8	1526.7	0	-2.2	-1.0	-5.7	20.65	3	-1.52	-0.91	-2.42
75.	3	1531.3	4.6	1534.0	1525.9	3	-1.7	-1.0	-2.3	20.23	3	-0.87	-0.51	-1.15
100.	3	1529.9	4.0	1532.2	1525.3	3	-2.1	-0.7	-3.0	19.86	3	-0.89	-0.45	-1.16
125.	3	1528.7	2.7	1530.3	1525.6	3	-1.4	0.4	-2.3	19.84	3	-0.73	-0.02	-1.07
150.	3	1527.1	2.5	1528.6	1524.2	3	-2.0	-1.7	-2.2	19.20	3	-0.90	-0.78	-0.95
200.	3	1525.1	1.8	1527.4	1523.0	3	-0.9	-0.6	-1.5	18.51	3	-0.47	-0.37	-0.61
250.	3	1524.0	1.5	1525.4	1522.0	3	-0.7	-0.4	-1.0	18.02	3	-0.39	-0.30	-0.51
300.	3	1523.2	1.2	1524.4	1522.0	3	-0.5	-0.2	-0.6	17.61	3	-0.24	-0.10	-0.37
400.	3	1522.3	0.4	1522.7	1521.9	3	-0.5	0.0	-0.8	17.32	3	-0.30	-0.17	-0.39
500.	3	1519.6	0.6	1520.2	1519.0	3	-0.9	-0.5	-1.2	16.02	3	-0.44	-0.32	-0.52
600.	3	1515.4	0.6	1516.1	1514.9	3	-1.4	-1.1	-1.9	14.30	3	-0.56	-0.45	-0.68
700.	3	1509.9	1.4	1511.4	1508.7	3	-1.8	-1.4	-2.2	12.50	3	-0.65	-0.55	-0.75
800.	3	1503.9	1.6	1505.7	1502.6	3	-1.7	-1.4	-2.0	9.65	3	-0.61	-0.54	-0.67
900.	3	1498.5	0.4	1495.0	1498.3	3	-1.5	-1.1	-2.0	8.29	3	-0.53	-0.42	-0.66
1000.	3	1495.2	0.6	1495.7	1494.6	3	-0.9	-0.6	-1.3	7.01	3	-0.35	-0.26	-0.49
1100.	3	1493.9	0.3	1494.1	1493.6	3	-0.4	-0.3	-0.5	6.07	3	-0.23	-0.20	-0.25
1200.	3	1493.6	0.3	1493.6	1493.1	3	-0.1	0.1	-0.2	5.52	3	-0.15	-0.12	-0.17
1300.	3	1493.5	0.3	1493.8	1493.2	3	0.0	0.1	0.0	5.15	3	-0.12	-0.11	-0.13
1400.	3	1493.8	0.4	1494.2	1493.5	3	0.1	0.2	0.1	4.92	3	-0.08	-0.06	-0.10
1500.	3	1494.5	0.4	1494.7	1494.0	3	0.2	0.3	0.2	4.68	3	-0.08	-0.06	-0.09
1750.	3	1496.4	0.2	1496.6	1496.2	3	0.2	0.3	0.2	4.12	3	-0.06	-0.06	-0.07
2000.	3	1498.0	0.1	1498.9	1498.8	3	0.3	0.3	0.3	3.70	3	-0.05	-0.04	-0.05
2500.	3	1505.3	0.4	1505.8	1505.0	3	0.4	0.4	0.4	3.32	3	-0.03	-0.02	-0.03
3000.	3	1512.3	0.2	1512.6	1512.2	3	0.4	0.4	0.4	2.91	3	-0.02	-0.02	-0.02
4000.	1	1527.9	0.0	1527.9	1527.9	1	0.5	0.5	0.5	2.39	1	-0.01	-0.01	-0.01
5000.	2	1544.1	0.6	1544.5	1543.7	2	0.5	0.5	0.5	2.32	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 78 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	1	1541.9	0.0	1541.9	1541.9	0	0.0	0.0	0.0	27.28	27.28	0	0.00	0.00
10-	1	1537.3	0.0	1537.3	1537.3	1	-14.0	0.00	25.15	25.15	1	-6.49	-6.49	-6.49
20-	1	1533.7	0.0	1533.7	1533.7	1	-11.0	0.00	23.56	23.56	1	-4.85	-4.85	-4.85
30-	1	1531.3	0.0	1531.3	1531.3	1	-7.3	0.00	22.52	22.52	1	-3.17	-3.17	-3.17
50-	1	1527.4	0.0	1527.4	1527.4	1	-5.9	0.00	20.92	20.92	1	-2.44	-2.44	-2.44
75-	1	1524.1	0.0	1524.1	1524.1	1	-4.0	0.00	19.58	19.58	1	-1.63	-1.63	-1.63
100-	1	1523.2	0.0	1523.2	1523.2	1	-1.1	0.00	19.13	19.13	1	-0.55	-0.55	-0.55
125-	1	1522.6	0.0	1522.6	1522.6	1	-0.7	0.00	18.77	18.77	1	-0.44	-0.44	-0.44
150-	1	1522.2	0.0	1522.2	1522.2	1	-0.5	0.00	18.50	18.50	1	-0.33	-0.33	-0.33
200-	1	1522.2	0.0	1522.2	1522.2	1	0.0	0.00	18.20	18.20	1	-0.18	-0.18	-0.18
250-	1	1522.4	0.0	1522.4	1522.4	1	0.1	0.00	18.01	18.01	1	-0.12	-0.12	-0.12
300-	1	1522.5	0.0	1522.5	1522.5	1	0.1	0.00	17.78	17.78	1	-0.14	-0.14	-0.14
400-	1	1522.3	0.0	1522.3	1522.3	1	-0.1	0.00	17.18	17.18	1	-0.18	-0.18	-0.18
500-	1	1519.5	0.0	1519.5	1519.5	1	-0.9	0.00	15.84	15.84	1	-0.41	-0.41	-0.41
600-	1	1515.0	0.0	1515.0	1515.0	1	-1.9	0.00	13.98	13.98	1	-0.72	-0.72	-0.72
700-	1	1508.9	0.0	1508.9	1508.9	1	-1.9	0.00	11.77	11.77	1	-0.67	-0.67	-0.67
800-	1	1503.3	0.0	1503.3	1503.3	1	-1.7	0.00	9.79	9.79	1	-0.63	-0.63	-0.63
900-	1	1498.1	0.0	1498.1	1498.1	1	-1.6	0.00	8.00	8.00	1	-0.55	-0.55	-0.55
1000-	1	1494.8	0.0	1494.8	1494.8	1	-0.8	0.00	6.76	6.76	1	-0.29	-0.29	-0.29
1100-	1	1493.5	0.0	1493.5	1493.5	1	0.0	0.00	6.03	6.03	1	-0.15	-0.15	-0.15
1200-	1	1493.1	0.0	1493.1	1493.1	1	0.0	0.00	5.52	5.52	1	-0.16	-0.16	-0.16
1300-	1	1493.0	0.0	1493.0	1493.0	0	0.0	0.00	5.11	5.11	1	-0.07	-0.07	-0.07
1400-	1	1493.7	0.0	1493.7	1493.7	1	0.2	0.00	4.86	4.86	1	-0.08	-0.08	-0.08
1500-	1	1494.4	0.0	1494.4	1494.4	1	0.3	0.00	4.62	4.62	1	-0.08	-0.08	-0.08
1750-	1	1496.2	0.0	1496.2	1496.2	1	0.2	0.00	4.06	4.06	1	-0.07	-0.07	-0.07
2000-	1	1498.7	0.0	1498.7	1498.7	1	0.3	0.00	3.65	3.65	1	-0.03	-0.03	-0.03
2500-	1	1505.2	0.0	1505.2	1505.2	0	0.0	0.00	3.18	3.18	1	-0.03	-0.03	-0.03
3000-	1	1512.3	0.0	1512.3	1512.3	1	0.4	0.00	2.84	2.84	1	-0.02	-0.02	-0.02
4000-	1	1527.6	0.0	1527.6	1527.6	1	0.5	0.00	2.33	2.33	1	-0.01	-0.01	-0.01
5000-	1	1544.3	0.0	1544.3	1544.3	1	0.5	0.00	2.10	2.10	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 78 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1539.3	0.7	1539.8	1538.5	0	0.0	0.0	0.0	3	26.05	0.20	26.21	25.83	0	0.00	0.00	0.00
10.	3	1539.4	0.7	1539.8	1538.6	3	0.1	0.3	0.3	3	26.03	0.19	26.18	25.81	3	-0.02	-0.06	-0.06
20.	3	1539.5	0.6	1540.0	1538.8	3	0.3	0.6	0.6	3	26.03	0.20	26.19	25.80	3	-0.01	-0.03	-0.03
30.	3	1539.4	1.2	1540.2	1538.1	3	-1.3	0.6	-4.9	3	25.90	0.43	26.20	25.40	3	-0.80	0.03	-2.44
50.	3	1538.2	3.3	1540.7	1534.5	3	-4.6	0.8	-9.1	3	25.20	1.32	26.24	23.71	3	-2.36	0.08	-4.57
75.	3	1530.5	2.0	1532.8	1529.2	3	-6.0	-5.3	-6.5	3	21.96	0.73	22.80	21.44	3	-2.54	-2.29	-2.77
100.	3	1527.0	1.7	1528.9	1525.5	3	-4.1	-3.3	-5.0	3	20.47	0.62	21.16	19.95	3	-1.75	-1.39	-2.07
125.	3	1524.6	1.3	1525.9	1523.3	3	-2.8	-2.4	-3.7	3	19.45	0.46	19.92	19.01	3	-1.20	-1.04	-1.51
150.	3	1523.0	0.8	1523.6	1522.2	3	-1.4	-0.6	-2.0	3	18.79	0.27	19.06	18.52	3	-0.65	-0.37	-0.81
200.	3	1522.1	0.2	1522.2	1521.8	3	-0.3	-0.1	-0.5	3	18.18	0.08	18.23	18.08	3	-0.27	-0.23	-0.34
250.	3	1522.1	0.2	1522.2	1521.9	2	0.0	0.0	0.0	3	17.91	0.05	17.95	17.85	3	-0.16	-0.15	-0.17
300.	3	1522.3	0.1	1522.4	1522.2	3	0.1	0.2	0.2	3	17.70	0.03	17.73	17.68	3	-0.11	-0.08	-0.16
400.	3	1522.0	0.4	1522.4	1521.6	3	-0.3	-0.3	-0.5	3	17.10	0.14	17.23	16.95	3	-0.28	-0.26	-0.30
500.	3	1519.1	0.8	1519.8	1518.3	3	-1.0	-0.9	-1.2	3	15.72	0.26	15.97	15.45	3	-0.44	-0.40	-0.51
600.	3	1514.6	0.9	1515.5	1513.8	2	-1.7	-1.4	-2.0	3	13.89	0.32	14.23	13.60	3	-0.65	-0.58	-0.75
700.	3	1508.5	1.3	1510.0	1507.6	3	-2.0	-1.7	-2.3	3	11.70	0.42	12.18	11.39	3	-0.70	-0.62	-0.76
800.	3	1502.4	1.3	1503.8	1501.2	3	-1.9	-1.8	-2.0	3	9.58	0.37	9.99	9.26	3	-0.64	-0.60	-0.68
900.	3	1498.0	1.1	1499.2	1497.1	3	-1.2	-1.0	-1.5	3	7.99	0.28	8.31	7.77	3	-0.45	-0.39	-0.52
1000.	3	1495.4	0.6	1496.1	1495.0	3	-0.7	-0.3	-0.9	3	6.91	0.17	7.10	6.81	3	-0.30	-0.20	-0.37
1100.	3	1493.9	0.5	1494.2	1493.3	3	-0.1	-0.2	-0.2	3	6.12	0.13	6.20	5.97	3	-0.17	-0.15	-0.19
1200.	3	1493.6	0.4	1493.9	1493.2	3	-0.1	-0.0	-0.2	3	5.63	0.09	5.71	5.53	3	-0.15	-0.13	-0.16
1300.	3	1493.5	0.3	1493.8	1493.3	3	-0.0	0.0	-0.1	3	5.20	0.07	5.28	5.15	3	-0.13	-0.12	-0.14
1400.	3	1493.7	0.3	1493.9	1493.4	3	0.1	0.3	0.0	3	4.83	0.07	4.90	4.77	3	-0.11	-0.08	-0.12
1500.	3	1494.2	0.2	1494.3	1494.0	3	0.2	0.2	0.2	3	4.57	0.03	4.59	4.53	3	-0.07	-0.07	-0.08
1750.	2	1496.2	0.0	1496.2	1496.2	2	0.4	0.4	0.4	3	4.05	0.02	4.07	4.04	3	-0.06	-0.05	-0.07
2000.	2	1498.9	0.1	1499.0	1498.8	2	0.4	0.4	0.4	3	3.69	0.02	3.70	3.67	3	-0.04	-0.03	-0.05
2500.	2	1505.3	0.1	1505.4	1505.2	2	0.4	0.4	0.4	3	3.19	0.02	3.21	3.18	3	-0.03	-0.02	-0.03
3000.	2	1512.3	0.0	1512.3	1512.3	2	0.4	0.4	0.4	3	2.83	0.02	2.84	2.81	3	-0.02	-0.01	-0.02
4000.	1	1527.7	0.0	1527.7	1527.7	1	0.5	0.5	0.5	2	2.36	0.02	2.37	2.34	2	-0.01	-0.01	-0.01
5000.	1	1544.4	0.0	1544.4	1544.4	1	0.5	0.5	0.5	1	2.09	0.00	2.09	2.09	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NU	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN		
0.	4	1536.2	0.5	1536.8	1535.6	0.0	0	0.0	0.0	0.0	4	24.98	0.33	25.35	24.61	0	0.00	0.00
10.	4	1536.3	0.5	1536.9	1535.8	0.3	4	0.3	0.3	0.3	4	24.98	0.33	25.35	24.62	4	0.01	0.03
20.	4	1536.5	0.5	1537.1	1536.0	0.6	4	0.6	0.6	0.6	4	24.99	0.33	25.36	24.62	4	0.02	0.03
30.	4	1536.7	0.5	1537.3	1536.1	0.3	4	0.4	0.5	0.3	4	24.99	0.33	25.36	24.62	4	0.00	0.04
50.	4	1536.8	0.7	1537.6	1535.9	-0.8	4	-0.8	-1.4	-1.8	4	24.82	0.44	25.33	24.32	4	-0.88	-0.46
75.	4	1535.8	1.4	1537.7	1534.6	-1.2	4	-1.2	0.1	-2.1	4	24.03	0.64	24.89	23.46	4	-0.97	-0.54
100.	4	1534.0	2.0	1537.0	1532.7	-2.7	4	-2.7	-1.5	-4.4	4	23.05	0.81	24.25	22.53	4	-1.35	-0.99
125.	4	1531.6	2.6	1535.5	1530.1	-3.1	4	-3.1	-1.8	-4.1	4	21.93	0.99	23.41	21.38	4	-1.42	-1.02
150.	4	1528.8	3.1	1533.5	1526.9	-3.6	4	-3.6	-3.0	-4.1	4	20.78	1.14	22.48	20.07	4	-1.44	-1.22
200.	4	1524.9	2.8	1529.1	1523.3	-1.4	4	-1.4	-0.2	-2.8	4	19.10	0.97	20.56	18.55	4	-0.68	-0.26
250.	4	1523.3	1.2	1525.0	1522.5	-0.8	4	-0.8	0.2	-2.5	4	18.30	0.39	18.86	18.01	4	-0.43	-0.10
300.	4	1522.0	0.5	1522.7	1521.6	-1.0	4	-1.0	-0.3	-1.7	4	17.59	0.17	17.85	17.48	4	-0.48	-0.26
400.	4	1518.1	1.3	1519.5	1516.3	-1.5	4	-1.5	-0.7	-2.2	4	15.87	0.39	16.29	15.34	4	-0.61	-0.37
500.	4	1512.6	1.3	1513.6	1510.6	-1.9	4	-1.9	-1.7	-2.0	4	13.75	0.38	14.05	13.19	4	-0.69	-0.66
600.	4	1507.0	1.2	1508.5	1505.5	-1.6	4	-1.6	-1.3	-2.0	4	11.73	0.32	12.12	11.31	4	-0.59	-0.47
700.	4	1501.4	1.5	1503.1	1498.5	-1.9	4	-1.9	-1.6	-2.2	4	9.77	0.41	10.24	9.25	4	-0.64	-0.56
800.	4	1496.5	1.7	1497.7	1494.0	-1.5	4	-1.5	-1.3	-1.7	4	8.07	0.44	8.39	7.41	4	-0.52	-0.47
900.	4	1493.8	1.3	1495.0	1492.0	-0.5	4	-0.5	-0.2	-0.9	4	6.97	0.33	7.28	6.51	4	-0.27	-0.18
1000.	4	1492.5	1.4	1494.4	1491.0	-0.2	4	-0.2	-0.1	-0.6	4	6.23	0.36	6.71	5.86	4	-0.18	-0.11
1100.	4	1492.1	1.3	1493.9	1491.1	-0.0	4	-0.0	0.2	-0.2	4	5.73	0.33	6.17	5.46	4	-0.13	-0.10
1200.	4	1492.2	0.9	1493.4	1491.3	0.0	4	0.0	0.2	-0.2	4	5.32	0.23	5.62	5.09	4	-0.13	-0.09
1300.	4	1492.3	0.5	1492.9	1491.6	0.0	4	0.0	0.2	-0.2	4	4.94	0.14	5.09	4.76	4	-0.12	-0.08
1400.	4	1492.6	0.3	1492.9	1492.1	0.1	4	0.1	0.2	-0.1	4	4.61	0.09	4.67	4.48	4	-0.10	-0.08
1500.	4	1493.1	0.4	1493.6	1492.7	0.1	4	0.1	0.2	0.0	4	4.32	0.10	4.44	4.22	4	-0.09	-0.07
1750.	3	1495.3	0.5	1495.8	1494.9	0.3	3	0.3	0.4	0.3	4	3.82	0.11	3.96	3.73	4	-0.05	-0.03
2000.	3	1498.3	0.3	1498.5	1498.0	0.4	3	0.4	0.4	0.3	4	3.52	0.08	3.60	3.42	4	-0.03	-0.02
2500.	3	1504.8	0.0	1504.8	1504.8	0.4	3	0.4	0.4	0.4	3	3.08	0.01	3.09	3.07	3	-0.03	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	11	1536.8	2.5	1539.3	1531.0	0	0.0	0.0	0.0	11	25.18	1.14	26.54	22.66	0	0.00	0.00	0.00
10.	11	1536.9	2.5	1539.3	1531.3	11	0.4	0.9	-0.9	11	25.15	1.12	26.45	22.69	11	-0.08	0.09	-0.01
20.	11	1537.0	2.5	1539.2	1531.2	11	0.6	3.0	-0.6	11	25.11	1.12	26.33	22.60	11	-0.00	0.91	-0.55
30.	11	1537.2	2.6	1539.7	1531.3	11	0.9	3.0	0.3	11	25.13	1.14	26.39	22.59	11	0.00	0.91	-1.22
50.	11	1537.6	2.6	1540.2	1531.8	11	0.4	1.1	0.6	11	25.06	1.06	26.16	22.64	11	-0.22	0.20	-0.91
75.	11	1537.4	2.4	1539.4	1531.7	11	-0.7	3.4	-3.0	11	24.74	0.99	25.57	22.43	11	-0.64	0.88	-2.44
100.	11	1536.0	3.0	1539.9	1529.9	11	-3.3	1.1	-6.1	11	23.91	1.22	25.57	21.58	11	-1.58	0.12	-2.90
125.	11	1533.3	3.7	1540.4	1527.5	11	-3.3	0.6	-5.7	11	22.67	1.45	25.58	20.52	11	-1.52	0.01	-2.46
150.	11	1530.8	4.2	1540.8	1525.5	11	-3.0	0.5	-7.1	11	21.58	1.64	25.58	19.65	11	-1.30	-0.81	-3.05
200.	11	1525.7	1.7	1528.3	1523.0	11	-2.5	-0.8	-7.6	11	19.40	0.59	20.27	18.51	11	-1.07	-0.51	-3.24
250.	11	1523.2	0.6	1524.4	1522.4	11	-1.2	-0.3	-2.8	11	18.26	0.19	18.66	18.00	11	-0.56	-0.23	-1.12
300.	11	1521.9	0.7	1522.8	1520.6	11	-0.7	0.8	-1.5	11	17.58	0.24	17.87	17.16	11	-0.37	-0.12	-0.66
400.	11	1518.7	2.2	1522.2	1515.0	11	-1.4	-0.2	-2.2	11	16.06	0.69	17.15	14.94	11	-0.56	-0.22	-0.83
500.	11	1513.6	3.1	1518.8	1508.4	11	-1.6	-0.8	-2.7	11	14.07	0.92	15.59	12.58	11	-0.53	-0.47	-0.88
600.	11	1507.2	3.3	1512.8	1502.4	10	-2.3	-1.7	-3.2	11	11.77	0.91	13.33	10.49	10	-0.78	-0.63	-1.02
700.	11	1500.8	3.3	1505.9	1496.4	10	-2.0	-1.7	-2.3	11	9.63	0.87	10.98	8.50	11	-0.65	-0.46	-0.60
800.	11	1498.0	2.3	1500.0	1492.7	11	-1.4	-0.6	-2.2	11	7.97	0.57	8.97	7.15	11	-0.49	-0.29	-0.69
900.	11	1492.8	1.2	1495.3	1491.1	11	-0.8	-0.4	-1.5	11	6.73	0.29	7.36	6.32	11	-0.33	-0.23	-0.50
1000.	11	1491.8	0.9	1494.0	1490.5	11	0.0	0.3	-0.4	11	6.08	0.22	6.60	5.76	11	-0.13	-0.06	-0.23
1100.	11	1491.6	0.8	1493.8	1491.0	11	-0.1	0.2	-0.3	11	5.60	0.20	6.13	5.43	11	-0.15	-0.08	-0.21
1200.	11	1491.5	0.4	1491.9	1490.8	11	-0.0	0.4	-0.8	11	5.15	0.10	5.26	4.98	11	-0.13	-0.06	-0.32
1300.	11	1491.6	0.4	1492.3	1491.1	11	0.1	0.2	-0.2	11	4.78	0.16	4.94	4.66	11	-0.11	-0.06	-0.17
1400.	11	1492.1	0.4	1492.9	1491.3	10	0.2	0.2	0.1	11	4.49	0.11	4.68	4.30	11	-0.08	-0.05	-0.09
1500.	11	1492.8	0.4	1493.6	1492.0	11	0.3	0.4	0.2	11	4.26	0.10	4.44	4.07	11	-0.06	-0.04	-0.07
1750.	11	1495.3	0.3	1495.7	1494.6	11	0.3	0.3	0.2	11	3.84	0.08	3.94	3.70	11	-0.05	-0.04	-0.06
2000.	11	1498.2	0.4	1498.5	1497.7	11	0.4	0.5	0.3	11	3.52	0.05	3.60	3.42	11	-0.04	-0.03	-0.04
2500.	11	1504.7	0.3	1505.3	1504.1	11	0.4	0.5	0.4	11	3.06	0.07	3.22	2.93	11	-0.02	-0.02	-0.04
3000.	11	1511.7	0.2	1512.1	1511.4	11	0.5	0.5	0.4	11	2.70	0.05	2.77	2.63	11	-0.02	-0.01	-0.02
4000.	9	1527.7	0.2	1528.1	1527.4	8	0.5	0.5	0.5	9	2.37	0.06	2.45	2.29	8	-0.01	-0.00	-0.01
5000.	6	1544.7	0.4	1545.2	1544.1	6	0.5	0.5	0.5	6	2.17	0.10	2.30	2.05	6	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	1	1535.6	0.0	1535.6	1535.6	1535.6	0	0.0	0.0	0.0	5	24.65	0.42	25.10	24.00	0.00
10.	1	1535.7	0.0	1535.7	1535.7	1535.7	1	0.3	0.3	0.3	5	24.59	0.40	24.93	23.97	-0.52
20.	1	1535.9	0.0	1535.9	1535.9	1535.9	1	0.6	0.6	0.6	5	24.56	0.39	24.90	23.95	-0.37
30.	1	1536.0	0.0	1536.0	1536.0	1536.0	1	0.3	0.3	0.3	5	24.54	0.40	24.94	23.94	-0.09
50.	1	1536.1	0.0	1536.1	1536.1	1536.1	1	0.2	0.2	0.2	5	24.49	0.40	24.89	23.95	-0.36
75.	1	1536.9	0.0	1536.9	1536.9	1536.9	1	1.0	1.0	1.0	5	24.30	0.49	24.73	23.68	-0.63
100.	1	1536.5	0.0	1536.5	1536.5	1536.5	1	-3.0	-3.0	-3.0	5	23.89	0.69	24.61	22.79	-1.37
125.	1	1534.9	0.0	1534.9	1534.9	1534.9	1	-2.0	-2.0	-2.0	5	22.60	0.74	23.43	21.65	-2.29
150.	1	1532.7	0.0	1532.7	1532.7	1532.7	1	-3.0	-3.0	-3.0	5	21.36	0.76	22.20	20.53	-1.93
200.	1	1527.2	0.0	1527.2	1527.2	1527.2	1	-1.5	-1.5	-1.5	5	19.38	0.43	19.95	18.90	-1.14
250.	1	1525.3	0.0	1525.3	1525.3	1525.3	1	-1.2	-1.2	-1.2	5	18.50	0.29	19.00	18.25	-0.73
300.	2	1522.9	0.9	1523.5	1522.2	1522.2	1	0.0	0.0	0.0	5	17.80	0.21	18.11	17.56	-0.48
400.	5	1519.3	0.7	1519.7	1518.0	1518.0	5	-1.8	-0.9	-3.4	5	16.26	0.23	16.39	15.85	-1.19
500.	5	1512.5	2.2	1514.9	1509.2	1509.2	5	-1.8	-1.2	-3.4	5	13.74	0.62	14.44	12.82	-1.13
600.	5	1508.0	2.8	1509.7	1502.5	1502.5	5	-2.5	-1.5	-4.1	5	11.47	0.78	12.48	10.51	-1.17
700.	5	1500.9	2.9	1504.5	1497.9	1497.9	5	-0.8	0.3	-1.8	5	9.66	0.76	10.62	8.85	-0.62
800.	5	1498.0	3.8	1504.1	1494.1	1494.1	5	-1.1	0.1	-1.9	5	8.47	0.99	10.07	7.47	-0.59
900.	5	1494.5	2.0	1497.1	1492.1	1492.1	5	-1.0	-0.3	-2.9	5	7.04	0.51	7.80	6.55	-0.89
1000.	5	1492.5	1.2	1494.0	1491.1	1491.1	5	-0.0	0.5	-0.3	5	6.23	0.30	6.61	5.89	-0.21
1100.	5	1492.1	1.3	1493.6	1490.9	1490.9	5	-0.2	-0.0	-0.4	5	5.73	0.31	6.10	5.44	-0.20
1200.	5	1491.8	1.0	1492.9	1490.3	1490.3	5	-0.1	0.1	-0.3	5	5.25	0.25	5.50	4.88	-0.19
1300.	5	1491.9	0.9	1492.6	1490.4	1490.4	5	0.1	0.3	-0.1	5	4.85	0.21	5.03	4.49	-0.15
1400.	5	1492.2	0.7	1492.9	1491.0	1491.0	5	0.1	0.2	-0.1	5	4.53	0.17	4.70	4.25	-0.14
1500.	5	1492.8	0.7	1493.6	1491.8	1491.8	5	0.3	0.6	0.2	5	4.27	0.17	4.46	4.04	-0.08
1750.	5	1495.1	0.6	1495.8	1494.4	1494.4	5	0.3	0.3	0.3	5	3.62	0.14	3.98	3.65	-0.06
2000.	5	1498.0	0.4	1498.4	1497.5	1497.5	5	0.4	0.4	0.3	5	3.49	0.08	3.58	3.37	-0.05
2500.	3	1504.5	0.2	1504.7	1504.4	1504.4	3	0.4	0.4	0.4	3	3.04	0.04	3.08	3.01	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT			
	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1 1535.4	0.0	1535.6	1535.6	0	0.0	0.0	0.0	0.0	1	24.51	24.51	24.51
10.	1 1535.8	0.0	1535.8	1535.8	1	0.4	0.4	0.4	0.4	1	24.52	24.52	24.52
20.	1 1536.0	0.0	1536.0	1536.0	1	0.6	0.6	0.6	0.6	1	24.53	24.53	24.53
30.	1 1535.9	0.0	1535.7	1535.9	1	-1.2	-1.2	-1.2	-1.2	1	24.43	24.43	24.43
50.	1 1535.1	0.0	1535.1	1535.1	1	-1.2	-1.2	-1.2	-1.2	1	23.94	23.94	23.94
75.	1 1533.4	0.0	1533.6	1533.6	1	-1.8	-1.8	-1.8	-1.8	1	23.15	23.15	23.15
100.	1 1533.1	0.0	1533.1	1533.1	1	-0.6	-0.6	-0.6	-0.6	1	22.75	22.75	22.75
125.	1 1532.3	0.0	1532.3	1532.3	1	-1.0	-1.0	-1.0	-1.0	1	22.19	22.19	22.19
150.	1 1530.2	0.0	1530.2	1530.2	1	-2.6	-2.6	-2.6	-2.6	1	21.24	21.24	21.24
200.	1 1527.3	0.0	1527.3	1527.3	1	-1.8	-1.8	-1.8	-1.8	1	19.93	19.93	19.93
250.	1 1524.5	0.0	1524.5	1524.5	1	-1.7	-1.7	-1.7	-1.7	1	18.70	18.70	18.70
300.	1 1522.2	0.0	1522.2	1522.2	1	-1.4	-1.4	-1.4	-1.4	1	17.66	17.66	17.66
400.	1 1519.1	0.0	1519.1	1519.1	1	-0.9	-0.9	-0.9	-0.9	1	16.19	16.19	16.19
500.	1 1514.7	0.0	1514.7	1514.7	1	-1.3	-1.3	-1.3	-1.3	1	14.36	14.36	14.36
600.	1 1508.8	0.0	1508.8	1508.8	0	0.0	0.0	0.0	0.0	1	12.20	12.20	12.20
700.	1 1503.0	0.0	1503.0	1503.0	1	-1.8	-1.8	-1.8	-1.8	1	10.17	10.17	10.17
800.	1 1498.2	0.0	1498.2	1498.2	1	-1.5	-1.5	-1.5	-1.5	1	8.49	8.49	8.49
900.	1 1494.6	0.0	1494.6	1494.6	1	-1.1	-1.1	-1.1	-1.1	1	7.16	7.16	7.16
1000.	1 1492.1	0.0	1492.1	1492.1	1	-0.8	-0.8	-0.8	-0.8	1	6.15	6.15	6.15
1100.	1 1491.6	0.0	1491.6	1491.6	1	-0.2	-0.2	-0.2	-0.2	1	5.60	5.60	5.60
1200.	1 1491.4	0.0	1491.4	1491.4	1	-0.1	-0.1	-0.1	-0.1	1	5.13	5.13	5.13
1300.	1 1491.5	0.0	1491.5	1491.5	0	0.0	0.0	0.0	0.0	1	4.74	4.74	4.74
1400.	1 1491.9	0.0	1491.9	1491.9	1	0.1	0.1	0.1	0.1	1	4.44	4.44	4.44
1500.	1 1492.6	0.0	1492.6	1492.6	1	0.2	0.2	0.2	0.2	1	4.21	4.21	4.21

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1542.0	0.8	1543.4	1541.0	0	0.0	0.39	28.01	26.95	0	0.00	0.00	0.00
10.	9	1542.1	0.7	1542.9	1541.1	9	-1.0	0.36	27.85	26.92	9	-0.58	0.03	-3.05
20.	9	1541.6	1.0	1542.8	1540.0	9	-1.8	0.54	27.76	26.36	9	-1.18	-0.03	-3.23
30.	9	1540.7	1.4	1542.4	1538.5	9	-3.0	0.71	27.58	25.59	9	-1.63	-0.78	-2.66
50.	9	1538.9	1.9	1541.9	1536.7	9	-2.2	0.89	27.11	24.61	9	-1.34	-0.61	-2.63
75.	9	1537.5	2.5	1541.4	1534.1	9	-1.5	1.09	26.58	23.37	9	-0.85	-0.39	-1.52
100.	9	1535.8	2.7	1540.2	1531.8	9	-2.9	1.12	25.75	22.25	9	-1.44	-0.30	-2.64
125.	9	1533.6	3.1	1538.3	1529.8	9	-2.5	1.20	24.71	21.33	9	-1.24	-0.28	-2.18
150.	9	1531.8	3.5	1537.2	1528.0	9	-1.9	1.29	24.00	20.47	9	-0.99	-0.44	-1.41
200.	9	1527.9	3.0	1532.6	1524.4	8	-2.6	1.04	21.86	18.99	9	-1.07	-0.66	-1.86
250.	9	1524.8	1.9	1527.9	1522.2	9	-1.5	0.65	19.87	17.93	9	-0.69	-0.30	-1.06
300.	9	1523.0	1.4	1525.8	1521.1	9	-0.8	0.46	18.87	17.32	9	-0.43	-0.08	-0.81
400.	9	1519.6	2.4	1522.9	1516.5	9	-1.4	0.74	17.37	15.41	9	-0.58	-0.29	-0.70
500.	9	1514.0	3.7	1520.1	1509.1	8	-1.9	1.09	15.99	12.79	9	-0.73	-0.50	-0.99
600.	9	1507.6	4.1	1515.7	1503.2	7	-2.0	1.15	14.19	10.72	9	-0.62	-0.24	-1.07
700.	9	1502.7	3.5	1509.2	1498.3	9	-1.5	0.93	11.89	9.00	9	-0.55	-0.30	-0.91
800.	9	1497.3	2.8	1502.1	1492.9	8	-1.3	0.72	9.52	7.18	9	-0.55	-0.30	-1.04
900.	9	1493.4	1.5	1495.8	1490.9	8	-1.0	0.37	7.47	6.26	9	-0.36	-0.18	-0.61
1000.	9	1492.0	0.9	1493.2	1490.7	9	-0.2	0.24	6.45	5.79	9	-0.18	-0.10	-0.25
1100.	9	1491.9	0.7	1492.9	1490.5	9	-0.1	0.17	5.95	5.34	9	-0.17	-0.09	-0.27
1200.	9	1491.6	0.6	1492.7	1490.6	9	0.0	0.16	5.51	4.94	9	-0.12	-0.09	-0.16
1300.	9	1491.9	0.7	1492.9	1490.7	9	0.1	0.18	5.13	4.57	9	-0.10	-0.06	-0.13
1400.	9	1491.4	0.6	1493.2	1491.1	9	0.1	0.16	4.78	4.25	9	-0.09	-0.07	-0.11
1500.	9	1493.0	0.6	1493.8	1491.7	9	0.2	0.15	4.51	4.00	9	-0.07	-0.04	-0.09
1750.	9	1495.5	0.4	1496.2	1494.7	9	0.3	0.11	4.08	3.71	9	-0.05	-0.03	-0.06
2000.	9	1498.3	0.3	1498.9	1497.8	9	0.4	0.08	3.70	3.44	9	-0.04	-0.03	-0.05
2500.	9	1504.7	0.3	1505.4	1504.2	9	0.4	0.08	3.20	2.95	9	-0.03	-0.02	-0.04
3000.	9	1511.7	0.4	1512.6	1511.2	9	0.4	0.08	2.87	2.57	9	-0.02	-0.01	-0.02
4000.	8	1527.7	0.0	1527.8	1527.5	8	0.5	0.03	2.40	2.32	8	-0.01	-0.00	-0.01
5000.	4	1544.7	0.3	1545.0	1544.3	4	0.5	0.08	2.27	2.09	6	-0.01	-0.00	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1541.2	0.2	1541.4	1540.9	0	0.0	0.0	0.0	5	27.33	0.15	27.55	27.17	0	0.00	0.00	0.00
10.	5	1541.3	0.2	1541.6	1541.1	5	0.5	0.6	0.3	5	27.32	0.15	27.52	27.17	5	-0.04	0.03	-0.09
20.	5	1541.2	0.3	1541.6	1540.9	5	-1.5	0.3	-3.0	5	27.19	0.24	27.40	26.82	5	-1.19	-0.61	-2.29
30.	5	1540.6	0.6	1541.4	1539.6	5	-2.0	-1.5	-4.0	5	26.70	0.40	27.14	26.11	5	-1.48	-0.73	-2.16
50.	5	1539.0	1.1	1540.1	1537.4	5	-2.8	-1.5	-4.9	5	25.70	0.58	26.23	24.96	5	-1.69	-0.61	-2.59
75.	5	1537.2	1.5	1539.2	1535.7	4	-1.6	-1.0	-2.2	5	24.63	0.73	25.62	23.81	5	-1.24	10.06	-1.22
100.	5	1536.1	1.5	1538.3	1534.7	5	-1.3	-1.5	-1.5	5	23.96	0.69	24.99	23.22	5	-0.71	-0.41	-0.91
125.	5	1535.0	1.4	1537.1	1533.7	5	-1.4	-1.2	-1.5	5	23.29	0.63	24.25	22.68	5	-0.82	-0.66	-0.90
150.	5	1533.1	1.4	1535.7	1531.5	5	-2.7	-1.5	-3.5	5	22.39	0.69	23.47	21.69	5	-1.26	-1.07	-1.45
200.	5	1528.9	2.4	1532.5	1526.0	5	-2.3	-1.5	-3.4	5	20.54	0.86	21.84	19.47	5	-0.97	-0.61	-1.36
250.	5	1525.4	2.2	1528.5	1522.3	5	-2.4	-1.4	-5.1	5	19.03	0.74	20.06	17.99	5	-1.00	-0.65	-1.93
300.	5	1522.1	2.0	1524.6	1519.5	5	-1.6	-0.2	-4.6	5	17.69	0.65	18.47	16.83	5	-0.66	-0.25	-1.52
400.	5	1516.7	4.6	1521.1	1510.0	4	-1.5	-0.8	-1.9	5	15.50	1.34	16.80	13.55	5	-0.59	-0.38	-0.72
500.	5	1510.9	4.4	1515.6	1506.2	5	-2.0	-1.2	-3.4	5	13.30	1.23	14.62	11.98	5	-0.76	-0.53	-1.13
600.	3	1505.0	5.1	1510.8	1501.9	3	-1.4	-1.3	-1.7	3	11.21	1.36	12.78	10.41	3	-0.52	-0.47	-0.61
700.	3	1501.0	4.1	1505.6	1498.1	3	-1.2	-0.8	-1.6	3	9.69	1.07	10.91	8.93	3	-0.47	-0.36	-0.57
800.	3	1497.4	3.3	1500.4	1494.0	3	-1.0	-0.1	-1.7	3	8.40	0.85	9.10	7.46	3	-0.39	-0.15	-0.57
900.	3	1496.6	3.2	1496.7	1491.0	3	-1.1	-0.9	-1.3	3	7.23	0.81	7.78	6.30	3	-0.39	-0.34	-0.45
1000.	3	1493.0	2.4	1495.0	1490.3	3	-0.3	0.1	-0.7	3	6.40	0.62	6.92	5.72	3	-0.20	-0.10	-0.30
1100.	3	1492.8	1.8	1494.2	1490.6	3	0.1	0.2	0.0	3	5.95	0.44	6.29	5.45	3	-0.12	-0.08	-0.15
1200.	3	1492.6	1.5	1493.6	1491.4	3	0.0	0.2	-0.1	3	5.46	0.39	5.73	5.02	3	-0.15	-0.14	-0.17
1300.	3	1492.6	1.1	1493.4	1491.4	3	0.0	0.2	0.0	3	5.04	0.27	5.25	4.74	3	-0.13	-0.08	-0.16
1400.	3	1492.8	0.6	1493.3	1492.1	3	0.1	0.3	-0.0	3	4.69	0.16	4.83	4.52	3	-0.10	-0.06	-0.13
1500.	3	1493.5	0.3	1493.7	1493.1	3	0.2	0.3	0.1	3	4.44	0.08	4.49	4.35	3	-0.07	-0.05	-0.08
1750.	3	1495.6	0.2	1495.8	1495.4	3	0.3	0.3	0.2	3	3.93	0.03	3.96	3.90	3	-0.06	-0.06	-0.07
2000.	3	1498.2	0.2	1498.4	1498.0	3	0.4	0.4	0.3	3	3.56	0.05	3.59	3.51	3	-0.04	-0.04	-0.05
2500.	3	1504.7	0.3	1504.9	1504.4	3	0.4	0.4	0.4	3	3.08	0.05	3.12	3.02	3	-0.02	-0.02	-0.03
3000.	3	1511.9	0.3	1512.1	1511.6	3	0.4	0.5	0.4	3	2.75	0.05	2.80	2.70	3	-0.02	-0.01	-0.02
4000.	2	1527.5	0.4	1527.7	1527.2	2	0.5	0.5	0.5	3	2.32	0.06	2.38	2.27	3	-0.01	-0.01	-0.01
5000.	1	1544.3	0.0	1544.3	1544.3	1	0.5	0.5	0.5	1	2.09	0.00	2.09	2.09	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	8	1544.1	0.9	1545.0	1542.4	0	0.0	0.0	0.0	20	28.06	0.37	28.66	27.50	0	0.00	0.00	0.00		
10.	8	1544.2	0.9	1545.1	1542.7	8	0.4	1.4	-1.0	20	28.03	0.43	28.68	26.88	20	-0.10	0.43	-2.19		
20.	8	1544.3	1.0	1545.3	1542.5	8	1.3	3.0	-0.6	20	28.00	0.55	28.66	26.16	20	-0.02	1.22	-2.19		
30.	8	1544.7	1.2	1545.7	1542.2	8	-0.2	1.5	-6.1	20	27.98	0.71	28.67	25.43	20	-0.26	0.46	-3.05		
40.	8	1542.6	1.3	1544.4	1540.9	8	-6.0	-0.9	-10.7	20	27.28	0.96	28.25	23.95	20	-2.34	0.43	-5.22		
75.	8	1538.5	1.2	1539.4	1535.7	8	-4.2	-1.6	-7.2	20	25.28	0.99	26.53	21.81	20	-2.34	-1.02	-3.45		
100.	8	1535.6	2.5	1537.6	1530.7	8	-2.5	-0.2	-4.1	20	23.76	1.10	25.05	20.18	20	-1.50	-0.47	-2.67		
125.	8	1533.9	3.0	1537.6	1523.5	8	-2.4	0.3	-4.3	20	22.67	1.06	24.24	19.58	20	-1.33	-0.06	-2.01		
150.	8	1531.8	3.2	1536.5	1526.5	8	-2.5	-1.3	-3.5	20	21.67	1.03	23.62	19.05	20	-1.21	-0.65	-1.72		
200.	8	1527.6	2.0	1529.6	1523.8	7	-2.3	-1.5	-4.8	20	19.87	0.69	20.75	18.23	20	-0.93	-0.30	-2.03		
250.	8	1524.9	0.9	1525.9	1523.4	8	-1.6	-0.2	-2.2	20	18.68	0.37	19.20	17.87	20	-0.72	-0.22	-1.05		
300.	8	1523.1	0.4	1523.7	1522.6	8	-0.8	0.4	-1.8	20	17.86	0.25	18.21	17.39	20	-0.35	-0.04	-0.84		
400.	8	1521.5	1.1	1523.1	1520.1	8	-0.5	-0.2	-0.9	20	16.74	0.50	17.43	15.71	20	-0.48	-0.21	-1.52		
500.	8	1517.3	1.9	1519.3	1514.6	8	-1.7	-0.9	-3.0	20	14.87	0.89	16.20	13.34	20	-0.70	-0.41	-2.06		
600.	8	1511.1	2.4	1513.3	1507.0	8	-2.1	-1.3	-3.4	20	12.71	0.91	14.41	11.32	20	-0.74	-0.20	-2.23		
700.	8	1504.6	3.3	1507.6	1497.9	8	-2.2	-1.6	-3.0	20	10.59	0.93	12.34	8.83	20	-0.73	-0.29	-2.39		
800.	8	1498.7	2.8	1502.0	1493.0	8	-1.7	-0.7	-2.4	20	8.71	0.77	10.15	7.20	20	-0.57	-0.29	-0.84		
900.	8	1495.0	2.1	1497.6	1491.1	8	-0.9	-0.3	-1.6	20	7.29	0.52	8.28	6.34	20	-0.36	-0.19	-0.57		
1000.	8	1493.0	1.6	1496.1	1490.4	8	-0.6	-0.1	-1.1	20	6.35	0.32	7.16	5.74	20	-0.27	-0.06	-1.07		
1100.	8	1492.2	1.1	1494.1	1490.4	8	-0.2	0.1	-0.6	20	5.72	0.22	6.23	5.31	20	-0.20	-0.11	-0.73		
1200.	8	1491.8	0.7	1492.9	1490.7	8	-0.0	0.8	-0.8	20	5.23	0.16	5.53	4.97	20	-0.14	-0.08	-0.33		
1300.	7	1492.0	0.6	1492.9	1491.3	8	0.1	0.2	0.0	19	4.97	0.13	5.10	4.69	19	-0.11	-0.08	-0.17		
1400.	7	1492.5	0.4	1493.1	1491.9	7	0.2	0.6	0.0	18	4.55	0.10	4.74	4.38	18	-0.09	-0.06	-0.13		
1500.	7	1493.0	0.4	1493.6	1492.4	7	0.1	0.2	0.1	18	4.28	0.10	4.44	4.13	18	-0.08	-0.04	-0.13		
1750.	5	1495.5	0.4	1495.8	1494.9	5	0.3	0.4	0.3	15	3.85	0.10	3.99	3.68	15	-0.04	-0.02	-0.05		
2000.	5	1498.3	0.2	1498.6	1498.0	5	0.3	0.5	0.3	15	3.55	0.07	3.67	3.42	15	-0.03	-0.02	-0.03		
2500.	5	1504.6	0.2	1504.8	1504.3	5	0.4	0.4	0.4	8	3.06	0.06	3.13	2.97	8	-0.02	-0.02	-0.03		
3000.	5	1511.7	0.2	1512.0	1511.5	4	0.4	0.4	0.4	7	2.70	0.04	2.77	2.65	7	-0.02	-0.02	-0.02		
4000.	5	1527.6	0.0	1527.8	1527.5	5	0.5	0.6	0.3	6	2.34	0.03	2.37	2.30	6	-0.00	-0.01	-0.01		
4000.	5	1544.6	0.2	1544.8	1544.4	5	0.5	0.5	0.5	5	2.15	0.03	2.20	2.12	5	-0.01	-0.00	-0.01		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.20	0.00	27.20	27.20	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.43	0.00	27.43	27.43	1	0.70	0.70	0.70
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.66	0.00	27.66	27.66	1	0.70	0.70	0.70
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.89	0.00	27.89	27.89	1	0.70	0.70	0.70
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	27.92	0.00	27.92	27.92	1	-2.59	-2.59	-2.59
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.99	0.00	25.99	25.99	1	-2.35	-2.35	-2.35
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	24.42	0.00	24.42	24.42	1	-1.56	-1.56	-1.56
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	23.21	0.00	23.21	23.21	1	-1.48	-1.48	-1.48
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	22.12	0.00	22.12	22.12	1	-1.33	-1.33	-1.33
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	20.30	0.00	20.30	20.30	1	-0.99	-0.99	-0.99
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.92	0.00	18.92	18.92	1	-0.84	-0.84	-0.84
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.10	0.00	18.10	18.10	1	-0.33	-0.33	-0.33
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	16.80	0.00	16.80	16.80	1	-0.41	-0.41	-0.41
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	14.83	0.00	14.83	14.83	1	-0.72	-0.72	-0.72
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.65	0.00	12.65	12.65	1	-0.62	-0.62	-0.62
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	9.90	0.00	9.90	9.90	1	-0.96	-0.96	-0.96
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	7.98	0.00	7.98	7.98	1	-0.46	-0.46	-0.46
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	7.37	0.00	7.37	7.37	1	-0.05	-0.05	-0.05
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.87	0.00	5.87	5.87	1	-0.11	-0.11	-0.11
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.46	0.00	5.46	5.46	1	-0.13	-0.13	-0.13
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.13	0.00	5.13	5.13	1	-0.10	-0.10	-0.10
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.83	0.00	4.83	4.83	1	-0.09	-0.09	-0.09
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.50	0.00	4.50	4.50	1	-0.10	-0.10	-0.10
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.27	0.00	4.27	4.27	1	0.00	0.00	0.00
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.88	0.00	3.88	3.88	1	-0.05	-0.05	-0.05
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.62	0.00	3.62	3.62	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 79 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1537.3	0.0	1537.3	1537.3	0	0.0	0.0	0.0	1	25.74	0.00	25.74	25.74	0	0.00	0.00	0.00
10.	1	1537.4	0.0	1537.4	1537.4	1	0.3	0.3	0.3	1	25.66	0.00	25.66	25.66	1	-0.24	-0.24	-0.24
20.	1	1539.0	0.0	1539.0	1539.0	0	0.0	0.0	0.0	1	26.20	0.00	26.20	26.20	1	1.65	1.65	1.65
30.	1	1540.0	0.0	1540.0	1540.0	1	2.4	2.4	2.4	1	26.40	0.00	26.40	26.40	1	0.12	0.12	0.12
50.	1	1540.9	0.0	1540.9	1540.9	1	1.4	1.4	1.4	1	26.46	0.00	26.46	26.46	1	0.09	0.09	0.09
75.	1	1537.3	0.0	1537.3	1537.3	1	-2.6	-2.6	-2.6	1	24.66	0.00	24.66	24.66	1	-1.57	-1.57	-1.57
100.	1	1535.2	0.0	1535.2	1535.2	1	-2.6	-2.6	-2.6	1	23.57	0.00	23.57	23.57	1	-1.33	-1.33	-1.33
125.	1	1532.8	0.0	1532.8	1532.8	1	-4.9	-4.9	-4.9	1	22.43	0.00	22.43	22.43	1	-2.07	-2.07	-2.07
150.	1	1530.8	0.0	1530.8	1530.8	1	-1.6	-1.6	-1.6	1	21.52	0.00	21.52	21.52	1	-0.79	-0.79	-0.79
200.	1	1525.4	0.0	1525.4	1525.4	0	0.0	0.0	0.0	1	19.28	0.00	19.28	19.28	1	-1.43	-1.43	-1.43

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 1

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	4	1536.6	0.6	1537.3	1536.1	0	0.0	0.0	0.0	4	25.13	0.22	25.40	24.90	0	0.00	0.00	0.00		
10.	4	1536.8	0.6	1537.5	1536.2	4	0.5	0.6	0.3	4	25.09	0.24	25.39	24.82	4	-0.10	-0.03	-0.24		
20.	4	1536.9	0.6	1537.6	1536.2	4	0.3	0.6	0.3	4	25.06	0.27	25.37	24.74	4	-0.11	-0.06	-0.24		
30.	4	1537.1	0.7	1537.8	1536.2	4	0.5	0.9	0.6	4	25.02	0.29	25.35	24.66	4	-0.11	-0.03	-0.24		
50.	4	1537.4	0.8	1538.1	1536.3	4	0.4	0.6	0.2	4	24.95	0.34	25.32	24.50	4	-0.10	-0.03	-0.24		
75.	4	1537.7	0.9	1538.5	1536.3	4	0.4	0.6	0.5	4	24.86	0.41	25.28	24.30	4	-0.11	-0.05	-0.24		
100.	4	1537.8	1.2	1538.5	1535.9	4	-2.3	0.6	-3.8	4	24.69	0.52	25.11	23.93	4	-1.05	-0.04	-1.52		
125.	4	1535.6	1.7	1536.7	1533.1	4	-2.6	-2.0	-3.4	4	23.65	0.60	24.02	22.75	4	-1.28	-1.09	-1.44		
150.	4	1533.6	2.0	1535.0	1530.6	4	-2.4	-2.1	-3.0	4	22.68	0.65	23.11	21.71	4	-1.18	-1.06	-1.27		
200.	4	1530.1	2.1	1531.7	1527.0	4	-2.1	-1.1	-3.0	4	20.99	0.64	21.47	20.05	4	-0.91	-0.76	-1.00		
250.	4	1527.2	1.3	1527.9	1525.3	4	-1.8	-1.0	-2.4	4	19.55	0.42	19.86	18.96	4	-0.85	-0.66	-1.03		
300.	4	1525.0	0.6	1525.6	1524.2	4	-1.1	-0.6	-1.8	4	18.53	0.22	18.75	18.23	4	-0.51	-0.25	-0.77		
400.	4	1522.5	0.7	1523.3	1521.7	3	-0.3	0.2	-0.7	4	17.22	0.19	17.46	17.01	4	-0.34	-0.14	-0.46		
500.	4	1519.1	1.7	1521.4	1517.6	2	-1.5	-1.2	-1.9	4	15.68	0.48	16.36	15.30	4	-0.60	-0.49	-0.74		
600.	4	1513.6	2.2	1516.6	1511.6	2	-1.8	-1.5	-2.1	4	13.56	0.62	14.41	12.99	4	-0.68	-0.62	-0.74		
700.	4	1507.4	2.0	1510.0	1505.6	2	-1.7	-1.5	-1.8	4	11.34	0.50	11.99	10.88	4	-0.67	-0.53	-0.86		
800.	4	1501.7	0.8	1502.4	1500.7	1	-1.3	-1.3	-1.3	4	9.37	0.19	9.60	9.17	4	-0.57	-0.49	-0.74		
900.	4	1497.1	0.7	1498.0	1496.3	2	-1.2	-1.0	-1.3	4	7.77	0.24	8.05	7.47	4	-0.38	-0.14	-0.52		
1000.	4	1493.8	1.0	1495.0	1492.5	3	-1.0	-0.9	-1.1	4	6.54	0.28	6.85	6.16	4	-0.36	-0.33	-0.38		
1100.	4	1491.7	0.8	1492.7	1490.7	2	-0.4	-0.4	-0.5	4	5.59	0.20	5.84	5.36	4	-0.22	-0.09	-0.30		
1200.	4	1490.9	0.5	1491.4	1490.3	2	-0.1	-0.1	-0.2	4	5.00	0.12	5.10	4.85	4	-0.14	-0.11	-0.17		
1300.	4	1490.8	0.5	1491.4	1490.3	2	0.0	0.1	-0.1	4	4.56	0.13	4.72	4.44	4	-0.12	-0.10	-0.14		
1400.	4	1491.3	0.3	1491.6	1491.0	0	0.0	0.0	0.0	4	4.27	0.08	4.36	4.20	4	-0.06	-0.05	-0.08		
1500.	4	1492.1	0.2	1492.3	1491.9	1	0.0	0.0	0.0	4	4.07	0.05	4.13	4.03	4	-0.07	-0.04	-0.09		
1750.	4	1494.7	0.1	1494.8	1494.5	2	0.4	0.4	0.3	4	3.68	0.03	3.70	3.64	4	-0.03	-0.03	-0.05		
2000.	4	1498.0	0.1	1498.1	1497.8	2	0.3	0.4	0.3	4	3.49	0.03	3.51	3.44	4	-0.04	-0.03	-0.05		
2500.	1	1504.9	0.0	1504.9	1504.9	1	0.4	0.4	0.4	1	3.09	0.00	3.09	3.09	1	-0.02	-0.02	-0.02		
3000.	1	1511.9	0.0	1511.9	1511.9	0	0.0	0.0	0.0	0	2.71	0.00	2.71	2.71	1	-0.02	-0.02	-0.02		
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 2

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	11	1535.8	2.2	1540.2	1532.7	0	0.0	0.0	0.0	27	24.78	0.75	26.94	23.44	0	0.00	0.00	0.00		
10.	11	1535.9	2.0	1539.3	1533.1	11	0.4	2.1	-2.7	27	24.75	0.73	26.52	23.56	27	-0.07	0.76	-1.28		
20.	11	1536.0	1.8	1538.7	1533.3	11	-0.2	0.6	-3.0	27	24.71	0.70	26.20	23.57	27	-0.16	0.30	-1.22		
30.	11	1536.0	1.8	1538.9	1533.6	10	0.1	0.9	-1.8	27	24.67	0.69	26.17	23.57	25	-0.19	0.49	-1.10		
50.	11	1535.4	2.2	1538.9	1531.6	10	-0.6	3.0	-11.6	27	24.44	0.80	26.00	22.59	26	-0.28	1.22	-5.26		
75.	11	1534.7	3.6	1538.7	1526.4	11	-1.4	0.7	-6.1	27	24.14	1.11	25.84	20.40	27	-0.59	0.71	-2.74		
100.	11	1533.5	4.4	1538.3	1524.7	10	-2.0	0.4	-4.1	27	23.41	1.26	25.11	19.64	26	-1.14	-0.01	-2.13		
125.	11	1531.2	4.5	1536.5	1522.1	11	-3.0	-2.1	-4.4	27	22.31	1.28	24.11	18.60	27	-1.36	-0.41	-1.87		
150.	8	1530.4	3.8	1533.6	1522.2	8	-2.1	1.6	-3.7	26	21.38	1.07	23.09	18.40	25	-1.30	0.22	-2.29		
200.	6	1527.7	1.7	1529.0	1524.6	6	-2.0	-0.6	-2.7	23	19.81	0.50	20.73	19.02	21	-0.87	-0.43	-1.46		
250.	6	1525.1	0.8	1525.9	1523.5	6	-1.6	-0.7	-2.1	22	18.71	0.30	19.20	18.27	21	-0.59	-0.15	-0.94		
300.	6	1523.5	0.5	1524.3	1522.8	6	-0.1	0.6	-0.9	22	17.98	0.27	18.36	17.08	22	-0.32	-0.08	-0.78		
400.	6	1521.8	1.4	1523.5	1519.4	6	-1.0	-0.3	-1.8	21	16.49	0.63	17.57	14.64	21	-0.60	-0.26	-0.98		
500.	6	1517.0	2.1	1519.8	1513.6	6	-1.9	-1.2	-2.4	21	14.47	0.81	15.90	12.58	21	-0.64	-0.36	-1.34		
600.	6	1511.0	1.5	1512.8	1509.0	4	-2.0	-1.5	-3.0	21	12.44	0.81	13.95	10.11	17	-0.73	-0.44	-1.26		
700.	6	1504.9	2.0	1506.7	1501.3	6	-1.8	-1.2	-2.1	20	10.39	0.79	11.86	8.27	19	-0.63	-0.35	-0.78		
800.	6	1499.7	1.6	1501.8	1497.1	6	-1.5	-1.1	-1.8	20	8.66	0.57	9.65	7.20	20	-0.49	-0.28	-0.67		
900.	6	1495.9	1.1	1497.2	1494.7	6	-1.2	-0.7	-1.4	20	7.34	0.42	8.02	6.36	19	-0.37	-0.12	-0.50		
1000.	6	1493.4	0.7	1494.1	1492.6	6	-0.6	-0.4	-0.6	20	6.38	0.33	7.35	5.72	19	-0.24	-0.12	-0.36		
1100.	6	1492.3	0.4	1492.7	1491.7	6	-0.3	0.2	-0.5	20	5.72	0.28	6.72	5.27	19	-0.20	-0.09	-0.25		
1200.	6	1491.8	0.4	1492.4	1491.1	6	-0.0	0.2	-0.2	20	5.20	0.26	6.13	4.86	19	-0.15	-0.08	-0.20		
1300.	6	1491.9	0.5	1492.4	1491.1	6	0.0	0.2	-0.0	20	4.81	0.23	5.58	4.48	20	-0.11	-0.06	-0.17		
1400.	6	1492.2	0.5	1493.0	1491.5	6	0.2	0.3	0.1	20	4.50	0.20	5.07	4.14	19	-0.09	-0.05	-0.16		
1500.	6	1493.0	0.5	1493.7	1492.4	6	0.2	0.3	0.1	20	4.25	0.17	4.59	3.83	20	-0.07	-0.04	-0.15		
1750.	6	1495.3	0.3	1495.7	1494.9	6	0.3	0.4	0.1	20	3.80	0.16	3.95	3.22	20	-0.05	-0.03	-0.09		
2000.	6	1498.1	0.7	1498.6	1496.9	6	0.4	0.4	0.3	20	3.48	0.16	3.63	2.97	20	-0.03	0.03	-0.05		
2500.	6	1504.7	0.6	1505.2	1503.6	6	0.4	0.5	0.4	20	3.05	0.11	3.29	2.80	19	-0.03	-0.01	-0.04		
3000.	6	1511.7	0.4	1512.1	1510.9	6	0.4	0.4	0.4	18	2.71	0.11	3.00	2.50	18	-0.02	-0.01	-0.03		
4000.	6	1527.7	0.0	1527.8	1527.5	6	0.5	0.5	0.5	17	2.36	0.05	2.51	2.30	17	-0.00	-0.00	-0.02		
5000.	4	1544.6	0.4	1545.1	1544.3	4	0.5	0.5	0.5	8	2.19	0.08	2.29	2.10	6	-0.01	-0.00	-0.01		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	40	1536.3	1.7	1540.1	1534.2	0	0.0	0.0	0.0	41	24.91	0.85	26.78	23.87	0	0.00	0.00	0.00
10.	42	1536.2	1.5	1539.6	1534.2	42	0.0	3.0	-4.0	42	24.83	0.78	26.50	23.85	42	-0.24	0.49	-2.13
20.	42	1536.3	1.5	1539.4	1534.4	42	0.2	1.5	-1.2	42	24.79	0.75	26.32	23.87	42	-0.09	0.46	-0.67
30.	42	1536.4	1.5	1539.1	1534.5	42	0.4	3.0	-1.5	42	24.76	0.74	26.12	23.84	42	-0.11	0.12	-1.32
50.	42	1536.6	1.5	1539.4	1534.5	42	0.2	2.1	-1.5	42	24.67	0.74	26.03	23.68	42	-0.13	0.49	-0.72
75.	42	1536.5	1.7	1540.3	1534.2	40	-0.1	3.0	-3.0	42	24.43	0.79	26.16	23.38	41	-0.38	0.21	-1.22
100.	42	1535.9	2.1	1539.5	1532.9	42	-1.2	2.1	-3.8	42	23.94	0.88	25.47	22.70	42	-0.74	0.41	-1.73
125.	42	1534.3	2.5	1538.3	1530.2	41	-2.0	0.7	-4.6	42	23.11	0.99	24.74	21.52	42	-1.05	-0.12	-2.13
150.	42	1532.3	2.9	1538.6	1527.9	42	-3.0	0.6	-6.1	42	22.12	1.11	24.69	20.52	42	-1.35	-0.02	-2.13
200.	40	1527.1	2.5	1537.5	1522.1	38	-2.8	-0.4	-5.3	40	19.90	0.92	23.81	18.18	39	-1.21	-0.38	-2.18
250.	40	1524.4	1.6	1532.1	1520.7	39	-1.4	-0.3	-4.1	40	18.67	0.57	21.38	17.46	40	-0.66	-0.16	-1.67
300.	40	1523.2	1.0	1527.9	1521.3	39	-0.5	1.7	-2.4	40	18.00	0.35	19.58	17.38	40	-0.34	0.38	-1.01
400.	34	1520.9	1.9	1525.0	1514.9	33	-0.9	0.5	-2.4	34	16.76	0.60	18.06	14.92	34	-0.45	-0.20	-0.88
500.	34	1516.1	2.8	1520.0	1507.5	31	-1.5	0.2	-2.8	34	14.80	0.82	15.96	12.33	34	-0.61	-0.09	-0.97
600.	35	1510.0	3.2	1515.4	1501.2	33	-2.0	-0.3	-4.6	35	12.57	0.87	14.09	10.17	35	-0.69	-0.24	-1.37
700.	35	1504.1	3.1	1509.2	1496.2	34	-1.9	-1.2	-3.0	35	10.49	0.82	11.87	8.46	35	-0.65	-0.46	-0.94
800.	35	1498.6	2.4	1504.0	1492.9	33	-1.6	-0.3	-2.8	35	8.64	0.60	10.03	7.20	35	-0.53	-0.22	-0.84
900.	35	1495.1	1.6	1499.7	1492.2	33	-0.9	-0.2	-1.8	35	7.30	0.39	8.46	6.59	35	-0.36	-0.18	-0.60
1000.	35	1493.2	1.1	1496.3	1491.4	32	-0.4	0.3	-0.8	35	6.41	0.27	7.19	5.95	35	-0.24	-0.10	-0.35
1100.	35	1492.2	0.9	1494.6	1490.6	30	-0.3	0.0	-0.6	35	5.75	0.23	6.33	5.34	34	-0.19	-0.05	-0.26
1200.	35	1491.8	0.9	1494.4	1490.1	32	-0.1	0.2	-0.4	35	5.23	0.22	5.87	4.83	35	-0.15	-0.08	-0.22
1300.	35	1491.8	0.8	1494.3	1490.5	32	0.0	0.2	-0.3	35	4.82	0.19	5.43	4.50	35	-0.12	-0.08	-0.17
1400.	35	1492.2	0.8	1494.5	1490.9	33	0.1	0.3	-0.1	35	4.50	0.18	5.06	4.19	35	-0.09	-0.06	-0.15
1500.	35	1492.9	0.7	1494.9	1491.7	33	0.3	3.0	0.1	35	4.26	0.17	4.75	3.98	35	-0.06	-0.01	-0.12
1750.	35	1495.4	0.3	1496.6	1494.7	29	0.3	0.6	0.2	35	3.86	0.09	4.16	3.72	34	-0.04	-0.02	-0.09
2000.	35	1498.4	C.3	1499.3	1497.3	29	0.4	0.5	0.1	35	3.57	0.08	3.79	3.33	34	-0.04	-0.02	-0.09
2500.	33	1504.9	0.4	1505.6	1503.6	24	0.4	0.5	0.3	34	3.09	0.10	3.27	2.80	33	-0.03	-0.01	-0.05
3000.	31	1511.9	0.4	1512.6	1511.0	28	0.4	0.5	0.3	33	2.73	0.09	2.91	2.52	33	-0.02	-0.00	-0.03
4000.	25	1527.8	0.2	1528.8	1527.4	21	0.5	0.5	0.4	25	2.38	0.07	2.61	2.29	23	-0.01	-0.00	-0.01
5000.	13	1545.0	0.2	1545.4	1544.6	9	0.5	0.5	0.3	14	2.24	0.05	2.35	2.14	13	-0.01	-0.00	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1536.4	2.2	1538.8	1532.0	0	0.0	0.0	0.0	16	25.03	1.02	26.05	22.99	0	0.00	0.00	0.00
10.	16	1536.4	2.2	1538.7	1532.1	15	-0.1	0.3	-2.1	16	24.94	1.02	26.00	22.97	16	-0.28	-0.03	-1.07
20.	16	1536.3	2.2	1538.7	1532.2	16	-0.5	0.6	-3.0	16	24.82	1.03	25.95	22.95	16	-0.38	-0.03	-1.22
30.	16	1536.2	2.3	1538.8	1532.3	16	-0.4	0.6	-3.0	16	24.69	1.05	25.90	22.94	16	-0.40	-0.03	-1.58
50.	16	1536.1	2.5	1538.8	1532.3	16	-0.4	0.8	-3.0	16	24.50	1.14	25.77	22.82	16	-0.34	0.02	-0.91
75.	16	1535.5	2.8	1538.1	1531.1	16	-1.0	1.5	-4.6	16	24.04	1.20	25.11	22.14	16	-0.69	0.15	-1.83
100.	16	1534.5	3.0	1538.3	1529.7	16	-1.7	0.5	-4.1	16	23.38	1.23	24.95	21.46	16	-0.97	-0.15	-1.90
125.	16	1532.8	3.2	1537.8	1528.0	16	-2.0	0.1	-3.5	16	22.53	1.23	24.47	20.70	16	-1.03	-0.18	-1.73
150.	16	1531.2	3.2	1537.1	1526.6	16	-2.4	-1.2	-4.1	16	21.72	1.21	23.98	20.01	16	-1.13	-0.61	-1.73
200.	16	1527.4	2.3	1531.6	1524.2	16	-2.2	-0.9	-5.4	16	20.00	0.82	21.48	18.96	16	-0.95	-0.30	-2.22
250.	16	1524.8	1.4	1527.7	1522.6	16	-1.6	-0.3	-3.0	16	18.82	0.47	19.83	18.07	16	-0.72	-0.29	-1.24
300.	16	1523.0	1.1	1524.7	1520.9	16	-0.6	-0.3	-1.8	16	17.94	0.36	18.51	17.25	16	-0.34	-0.10	-0.80
400.	16	1520.4	2.3	1523.6	1515.7	15	-1.2	-0.3	-2.1	16	16.60	0.72	17.61	15.14	15	-0.51	-0.30	-0.84
500.	16	1515.6	3.1	1519.7	1510.1	15	-1.6	-0.9	-2.0	16	14.66	0.93	15.86	13.04	16	-0.64	-0.43	-0.81
600.	16	1509.9	3.2	1514.9	1504.9	15	-1.7	-1.5	-2.5	16	12.52	0.90	13.94	11.15	16	-0.65	-0.52	-0.80
700.	16	1504.0	3.1	1509.1	1499.9	16	-1.9	-1.5	-2.7	16	10.48	0.83	11.85	9.40	16	-0.64	-0.52	-0.87
800.	16	1498.9	2.5	1503.5	1495.8	16	-1.4	-0.5	-3.0	16	8.70	0.64	9.89	7.91	16	-0.50	-0.27	-0.76
900.	16	1495.3	1.6	1497.9	1493.0	13	-1.1	-0.5	-1.8	16	7.36	0.40	8.02	6.78	15	-0.44	-0.25	-0.76
1000.	16	1493.3	1.3	1495.3	1490.9	15	-0.5	-0.2	-0.9	16	6.43	0.32	6.96	5.84	16	-0.25	-0.13	-0.35
1100.	16	1492.2	1.3	1494.3	1489.6	15	-0.3	0.1	-0.8	16	5.74	0.32	6.28	5.10	16	-0.20	-0.10	-0.32
1200.	16	1491.7	1.3	1494.2	1489.3	16	-0.1	0.2	-0.4	16	5.20	0.31	5.82	4.62	16	-0.16	-0.09	-0.22
1300.	16	1491.7	1.1	1493.4	1489.3	16	-0.0	0.2	-0.5	16	4.79	0.28	5.21	4.22	16	-0.12	-0.06	-0.25
1400.	16	1492.1	1.0	1493.1	1489.9	16	0.2	0.4	0.0	16	4.49	0.23	4.74	3.98	16	-0.08	-0.06	-0.13
1500.	15	1492.7	0.9	1494.4	1490.8	14	0.2	0.3	-0.4	15	4.23	0.22	4.63	3.79	15	-0.08	-0.05	-0.23
1750.	15	1495.1	0.4	1495.6	1494.0	15	0.3	0.5	0.2	15	3.80	0.11	3.92	3.54	14	-0.04	-0.02	-0.07
2000.	15	1498.1	0.3	1498.6	1497.6	13	0.4	0.5	0.3	15	3.52	0.08	3.63	3.40	14	-0.03	-0.02	-0.05
2500.	11	1504.9	0.3	1505.5	1504.4	11	0.4	0.5	0.3	11	3.10	0.07	3.24	2.99	11	-0.03	-0.01	-0.04
3000.	9	1511.9	0.2	1512.3	1511.6	9	0.4	0.5	0.4	9	2.73	0.06	2.83	2.67	9	-0.02	-0.01	-0.04
4000.	5	1527.7	0.2	1527.9	1527.6	5	0.5	0.5	0.5	5	2.36	0.02	2.39	2.34	5	-0.01	-0.00	-0.01
5000.	2	1545.2	0.1	1545.3	1545.1	1	0.5	0.5	0.5	2	2.30	0.02	2.31	2.28	2	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1539.7	1.6	1542.0	1536.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	9	1539.6	1.4	1541.3	1536.7	9	-0.2	0.6	-3.0	24.98	9	-0.33	-0.06	-1.58
20.	10	1539.3	1.4	1541.4	1536.8	9	-0.4	1.0	-2.7	24.97	9	-0.41	-0.15	-1.37
30.	10	1539.1	1.3	1540.8	1536.9	10	-0.9	0.9	-4.6	26.72	10	-0.62	0.06	-1.83
50.	9	1538.4	1.0	1540.1	1537.2	9	-1.0	0.6	-3.0	24.84	9	-0.68	-0.12	-2.01
75.	9	1537.9	1.1	1540.0	1536.4	9	-0.5	-0.1	-2.4	26.04	9	-0.57	-0.18	-1.30
100.	10	1536.7	1.2	1538.9	1534.5	10	-1.8	-0.1	-3.4	25.20	10	-1.09	-0.33	-1.58
125.	10	1534.6	1.1	1536.6	1532.6	10	-2.7	-1.5	-3.7	23.99	10	-1.30	-0.82	-1.69
150.	9	1532.4	1.2	1534.2	1530.5	9	-2.9	-0.6	-4.6	22.91	9	-1.37	-0.55	-1.98
200.	10	1527.9	1.6	1531.9	1526.1	9	-2.6	-1.3	-3.7	21.59	9	-1.10	-0.65	-1.54
250.	10	1524.7	1.2	1526.9	1523.3	9	-1.6	-0.8	-3.0	19.54	10	-0.71	-0.46	-1.25
300.	10	1524.1	1.0	1524.1	1521.5	10	-0.9	-0.3	-1.6	18.32	10	-0.47	-0.27	-0.71
400.	10	1519.4	1.6	1522.5	1517.9	10	-1.3	-0.6	-2.0	17.24	10	-0.55	-0.36	-0.73
500.	10	1514.3	2.6	1519.4	1511.7	10	-1.7	-1.0	-3.0	15.79	10	-0.65	-0.46	-0.84
600.	10	1508.3	3.0	1514.6	1505.4	10	-2.0	-1.5	-3.0	13.87	10	-0.68	-0.56	-0.91
700.	10	1501.7	2.9	1508.5	1499.0	10	-1.9	-0.7	-2.7	11.68	10	-0.65	-0.32	-0.85
800.	10	1496.9	2.2	1502.2	1494.9	10	-1.1	-0.7	-2.2	9.54	10	-0.44	-0.30	-0.74
900.	10	1493.8	1.1	1496.2	1492.6	10	-0.8	-0.4	-1.8	7.56	10	-0.33	-0.15	-0.60
1000.	10	1492.4	0.5	1493.1	1491.4	10	-0.3	0.1	-0.8	6.39	10	-0.21	-0.12	-0.34
1100.	10	1491.7	0.5	1492.6	1491.0	10	-0.3	-0.0	-0.7	5.84	10	-0.19	-0.14	-0.27
1200.	10	1491.4	0.6	1492.4	1490.7	10	-0.1	0.0	-0.3	5.37	10	-0.14	-0.12	-0.17
1300.	9	1491.6	0.4	1492.3	1491.0	9	0.0	0.2	-0.1	4.94	9	-0.12	-0.08	-0.16
1400.	9	1492.0	0.4	1492.8	1491.5	9	0.2	0.3	0.1	4.64	9	-0.08	-0.06	-0.11
1500.	8	1492.8	0.4	1493.7	1492.4	8	0.2	0.3	0.2	4.47	8	-0.07	-0.05	-0.09
1750.	9	1495.4	0.5	1496.8	1495.0	9	0.3	0.5	0.3	4.20	9	-0.04	-0.01	-0.05
2000.	9	1498.4	0.4	1499.5	1498.0	9	0.3	0.5	0.1	3.85	9	-0.04	-0.01	-0.09
2500.	9	1504.7	0.3	1505.1	1504.1	9	0.4	0.4	0.4	3.15	9	-0.03	-0.02	-0.03
3000.	8	1511.7	0.2	1512.2	1511.4	8	0.4	0.4	0.4	2.80	8	-0.02	-0.02	-0.03
4000.	8	1527.6	0.0	1527.7	1527.3	8	0.5	0.5	0.5	2.36	8	-0.01	-0.00	-0.01
5000.	8	1544.9	0.2	1545.2	1544.4	7	0.4	0.5	0.5	2.31	8	-0.01	-0.00	-0.02

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	10	1542.2	0.8	1543.8	1541.2	0	0.0	0.0	0.0	10	27.58	0.43	28.31	27.10	0	0.00	0.00	0.00		
10.	10	1541.9	0.9	1543.5	1540.8	10	-1.0	0.6	-3.7	10	27.37	0.49	28.21	26.77	10	-0.68	0.06	-1.89		
20.	10	1541.7	1.3	1543.5	1539.9	10	-0.5	2.7	-2.7	10	27.20	0.68	28.11	26.25	10	-0.51	0.58	-1.58		
30.	10	1541.1	1.4	1542.5	1538.9	10	-3.0	-0.6	-6.7	10	26.80	0.68	27.60	25.75	10	-1.64	-0.52	-3.35		
50.	10	1539.4	1.5	1541.4	1537.1	9	-2.0	-0.5	-3.5	10	25.87	0.72	26.82	24.78	9	-1.19	-0.61	-1.79		
75.	10	1537.6	2.0	1540.6	1534.3	10	-2.4	-1.0	-3.4	10	24.88	0.90	26.15	23.42	10	-1.26	-0.81	-1.66		
100.	10	1535.8	2.5	1539.5	1531.8	9	-2.4	-0.8	-3.7	10	23.91	1.05	25.40	22.24	9	-1.16	-0.76	-1.83		
125.	10	1533.8	2.7	1537.9	1529.6	10	-3.3	-1.9	-4.8	10	22.89	1.08	24.46	21.24	10	-1.24	-0.89	-1.63		
150.	10	1531.5	2.6	1535.2	1527.9	10	-2.2	-0.8	-4.6	10	21.81	0.97	23.17	20.47	10	-1.44	-0.90	-1.92		
200.	10	1526.9	1.6	1529.6	1523.2	10	-1.3	-0.6	-2.5	10	19.82	0.57	20.78	19.24	10	-0.96	-0.46	-1.83		
250.	10	1524.4	0.9	1525.7	1523.1	10	-0.3	0.2	-0.9	10	18.66	0.30	19.08	18.22	10	-0.62	-0.21	-1.07		
300.	10	1523.2	0.7	1523.8	1521.7	10	-1.2	-0.3	-2.1	10	17.98	0.22	18.21	17.51	10	-0.27	-0.10	-0.46		
400.	10	1520.7	1.6	1523.0	1518.5	10	-1.5	-1.0	-2.5	10	16.68	0.51	17.41	15.98	10	-0.54	-0.25	-0.82		
500.	10	1515.8	1.4	1519.1	1511.8	10	-1.8	-0.6	-3.4	10	14.70	0.71	15.68	13.55	10	-0.63	-0.51	-0.87		
600.	10	1510.1	1.4	1514.2	1506.9	10	-1.9	-1.5	-3.5	10	12.58	0.69	13.74	11.72	10	-0.64	-0.23	-0.80		
700.	10	1504.2	2.4	1509.0	1501.7	9	-1.9	-0.5	-2.1	10	10.53	0.64	11.81	9.85	10	-0.65	-0.54	-1.07		
800.	10	1498.7	2.3	1503.2	1495.1	10	-1.5	-0.5	-2.1	10	8.66	0.60	9.80	7.75	10	-0.51	-0.32	-0.68		
900.	9	1495.3	1.8	1498.3	1492.8	9	-1.1	-0.5	-1.5	9	7.36	0.44	8.09	6.77	9	-0.39	-0.23	-0.52		
1000.	9	1493.3	1.1	1495.4	1491.2	9	-0.4	-0.2	-0.8	9	6.43	0.28	6.94	5.96	9	-0.24	-0.18	-0.31		
1100.	9	1492.3	0.7	1493.6	1491.2	9	-0.2	0.2	-0.4	9	5.77	0.17	6.09	5.54	9	-0.18	-0.07	-0.22		
1200.	9	1491.9	0.5	1492.8	1491.2	9	-0.1	0.3	-0.3	9	5.25	0.13	5.47	5.06	9	-0.15	-0.07	-0.19		
1300.	8	1491.8	0.5	1492.9	1491.2	8	0.0	0.3	-0.1	9	4.84	0.15	5.09	4.65	9	-0.12	-0.07	-0.16		
1400.	8	1492.2	0.4	1493.5	1491.7	8	0.2	0.3	0.1	9	4.53	0.16	4.82	4.37	9	-0.09	-0.06	-0.10		
1500.	8	1492.8	0.3	1494.0	1492.3	8	0.2	0.4	0.1	9	4.29	0.16	4.55	4.13	9	-0.07	-0.05	-0.09		
1750.	8	1495.2	0.3	1495.8	1494.7	8	0.3	0.4	0.2	9	3.85	0.11	4.07	3.71	9	-0.05	-0.02	-0.07		
2000.	8	1498.1	0.2	1498.5	1497.9	8	0.4	0.4	0.3	9	3.53	0.06	3.64	3.47	9	-0.04	-0.03	-0.05		
2500.	8	1504.6	0.0	1504.7	1504.3	7	0.4	0.4	0.4	9	3.04	0.05	3.12	2.98	9	-0.03	-0.02	-0.03		
3000.	8	1511.6	0.0	1511.8	1511.3	7	0.4	0.4	0.4	9	2.67	0.05	2.75	2.59	9	-0.02	-0.01	-0.02		
4000.	5	1527.6	0.0	1527.8	1527.5	5	0.5	0.5	0.5	5	2.34	0.03	2.39	2.30	5	-0.00	-0.00	-0.01		
5000.	4	1544.9	0.3	1545.2	1544.5	4	0.5	0.5	0.5	4	2.23	0.03	2.30	2.15	4	-0.01	-0.00	-0.02		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1542.7	0.2	1543.1	1542.5	0	0.0	0.0	0.0	6	27.85	0.17	28.19	27.69	3	0.00	0.03	0.00
10.	6	1542.8	0.3	1543.2	1542.4	6	0.3	1.0	-0.3	6	27.78	0.20	28.13	27.59	6	-0.23	-0.33	-0.54
20.	6	1542.6	0.3	1543.1	1542.2	6	-2.4	0.6	-10.7	6	27.50	0.24	28.06	27.44	6	-1.43	-0.21	-4.63
30.	6	1541.8	1.3	1543.4	1539.4	6	-2.4	0.9	-9.8	6	27.13	0.68	28.00	25.94	6	-1.43	-0.18	-4.57
40.	6	1540.1	1.1	1542.8	1534.2	6	-3.4	-0.5	-9.1	6	26.22	1.39	27.43	23.59	6	-1.74	-0.41	-4.27
50.	6	1537.4	3.1	1540.5	1531.7	6	-2.6	-1.5	-3.3	6	24.80	1.30	26.11	22.44	6	-1.30	-0.91	-1.73
100.	6	1535.6	3.2	1538.7	1529.5	6	-1.9	-1.5	-4.0	6	23.82	1.28	25.10	21.44	6	-1.03	-0.30	-1.97
125.	6	1534.1	3.8	1538.8	1527.7	6	-1.7	0.1	-3.4	6	22.28	1.48	24.88	20.59	6	-0.93	-0.27	-1.62
150.	6	1532.3	4.1	1537.8	1526.2	5	-2.3	-2.1	-3.6	6	22.10	1.54	24.25	19.90	5	-1.16	-0.30	-1.61
200.	5	1528.4	1.3	1532.7	1525.1	5	-2.4	-3.7	-3.1	5	20.36	1.19	21.92	19.20	5	-1.12	-0.43	-1.64
250.	5	1525.0	1.6	1527.0	1523.0	4	-2.2	-0.6	-3.5	5	18.46	0.56	19.56	18.20	4	-0.96	-0.38	-1.44
300.	4	1522.8	1.1	1523.8	1521.3	4	-1.1	-0.2	-1.9	4	17.66	0.34	18.19	17.39	4	-0.50	-0.24	-0.77
400.	3	1520.5	2.2	1523.0	1518.9	3	-0.7	-0.2	-1.2	3	16.64	0.70	17.43	16.13	3	-0.40	-0.23	-0.52
500.	3	1517.0	3.4	1520.9	1515.0	3	-1.6	-1.2	-2.0	3	15.07	1.01	16.23	14.46	3	-0.67	-0.61	-0.76
600.	3	1511.8	1.2	1515.3	1509.1	3	-1.3	-0.5	-2.0	3	13.08	0.90	14.07	12.30	3	-0.50	-0.25	-0.68
700.	3	1508.5	2.9	1508.6	1503.2	3	-2.3	-1.7	-3.0	3	11.16	0.80	11.71	10.25	3	-0.78	-0.61	-0.95
800.	3	1500.0	1.5	1500.9	1498.2	2	-2.0	-1.5	-2.4	3	8.99	0.40	9.23	8.53	2	-0.64	-0.52	-0.77
900.	3	1495.9	0.9	1496.8	1495.0	3	-0.6	-0.8	-0.9	3	7.52	0.21	7.73	7.31	3	-0.34	-0.30	-0.35
1000.	3	1493.6	0.9	1494.4	1492.7	3	-0.6	-0.3	-0.9	3	6.53	0.20	6.71	6.32	3	-0.27	-0.20	-0.37
1100.	3	1492.3	0.7	1493.0	1491.7	3	0.0	0.1	-0.6	3	5.76	0.17	5.94	5.61	3	-0.22	-0.15	-0.27
1200.	3	1491.4	0.4	1492.3	1491.5	3	0.0	0.1	-0.0	3	5.25	0.11	5.35	5.14	3	-0.12	-0.10	-0.14
1300.	3	1492.2	0.5	1492.7	1491.7	3	0.2	0.4	0.1	3	4.91	0.14	5.05	4.78	3	-0.09	-0.09	-0.10
1400.	3	1492.7	0.5	1493.2	1492.2	3	0.2	0.2	0.2	3	4.63	0.13	4.76	4.51	3	-0.09	-0.08	-0.09
1500.	3	1493.3	0.5	1493.8	1492.9	3	0.2	0.4	0.4	3	4.37	0.12	4.50	4.27	3	-0.08	-0.07	-0.08
1750.	3	1495.4	0.3	1495.6	1495.1	2	0.4	0.4	0.4	3	3.87	0.06	3.92	3.81	2	-0.04	-0.04	-0.04
2000.	3	1498.3	0.3	1498.5	1497.9	3	0.4	0.4	0.3	3	3.55	0.08	3.61	3.46	3	-0.04	-0.02	-0.04
2500.	3	1504.7	0.5	1505.0	1504.2	3	0.4	0.4	0.4	3	3.07	0.11	3.14	2.94	3	-0.03	-0.03	-0.03
3000.	3	1511.7	0.5	1512.0	1511.1	3	0.4	0.4	0.4	3	2.70	0.13	2.77	2.55	3	-0.02	-0.02	-0.02
4000.	3	1527.6	0.3	1527.8	1527.3	3	0.5	0.5	0.5	3	2.34	0.05	2.37	2.28	3	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1545.2	0.1	1545.2	1545.1	0	0.0	0.0	0.0	2	28.92	0.05	28.85	28.78	0	0.00	0.00	0.00
10.	2	1545.3	0.0	1545.3	1545.3	2	0.2	0.3	0.3	2	28.81	0.07	28.86	28.76	2	-0.03	-0.06	-0.06
20.	2	1545.5	0.1	1545.5	1545.4	2	0.5	0.7	0.3	2	28.80	0.05	28.83	28.76	2	-0.05	-0.09	-0.09
30.	2	1545.6	0.1	1545.7	1545.5	2	0.3	0.7	0.7	2	28.60	0.01	28.80	28.79	2	0.00	0.10	-0.10
40.	2	1543.8	1.0	1544.5	1543.1	2	-5.9	-4.4	-7.3	2	27.78	0.47	28.11	27.45	2	-3.02	-2.27	-3.78
75.	2	1539.6	0.3	1539.8	1539.4	2	-5.6	-5.2	-6.1	2	25.67	0.11	25.75	25.59	2	-2.71	-2.44	-2.97
100.	2	1536.4	1.0	1537.1	1535.7	2	-3.6	-2.7	-4.5	2	24.12	0.37	24.38	23.85	2	-1.73	-1.40	-2.06
125.	2	1534.0	1.3	1534.9	1533.1	2	-2.9	-2.7	-3.0	2	22.96	0.43	23.26	22.65	2	-1.38	-1.37	-1.40
150.	2	1531.6	1.3	1532.5	1530.6	2	-3.0	-2.5	-3.0	2	21.84	0.45	22.15	21.52	2	-1.37	-1.35	-1.38
200.	2	1526.9	2.1	1528.4	1525.4	1	-2.3	-2.3	-2.3	2	19.81	0.71	20.31	19.30	2	-1.18	-1.00	-1.35
250.	2	1524.7	0.8	1525.2	1524.1	2	-1.3	-0.6	-2.0	2	18.75	0.25	18.92	18.57	2	-0.62	-0.39	-0.85
300.	2	1523.4	0.2	1523.5	1523.2	2	-0.6	-0.5	-0.7	2	18.05	0.08	18.10	17.99	2	-0.37	-0.35	-0.38
400.	2	1520.7	2.3	1522.3	1519.1	2	-1.0	-0.3	-1.8	2	16.69	0.71	17.19	16.19	2	-0.48	-0.24	-0.72
500.	2	1515.8	3.0	1517.9	1513.6	2	-1.6	-1.5	-1.6	2	14.70	0.89	15.33	14.07	2	-0.61	-0.60	-0.62
600.	2	1510.3	3.7	1512.9	1507.6	2	-1.8	-1.5	-2.0	2	12.64	1.05	13.38	11.89	2	-0.65	-0.59	-0.70
700.	2	1504.0	3.0	1506.1	1501.8	2	-2.0	-1.8	-2.1	2	10.66	0.80	11.02	9.89	2	-0.67	-0.61	-0.73
800.	2	1498.6	2.1	1500.1	1497.1	2	-1.6	-1.4	-1.8	2	8.64	0.54	9.02	8.25	2	-0.55	-0.50	-0.61
900.	2	1494.8	1.4	1495.8	1493.8	2	-1.1	-1.0	-1.3	2	7.23	0.35	7.47	6.98	2	-0.43	-0.39	-0.46
1000.	2	1492.6	0.3	1492.8	1492.4	2	-0.6	-0.3	-0.9	2	6.27	0.06	6.31	6.22	2	-0.28	-0.21	-0.35
1100.	2	1491.9	0.2	1492.0	1491.7	2	-0.2	-0.2	-0.2	2	5.65	0.05	5.68	5.61	2	-0.18	-0.17	-0.19
1200.	2	1491.6	0.2	1491.7	1491.4	2	-0.1	-0.0	-0.1	2	5.16	0.06	5.20	5.12	2	-0.14	-0.14	-0.15
1300.	1	1491.3	0.0	1491.3	1491.3	1	0.0	0.0	0.0	2	4.76	0.06	4.80	4.71	2	-0.12	-0.12	-0.12
1400.	1	1491.8	0.0	1491.8	1491.8	1	0.3	0.3	0.3	2	4.45	0.06	4.49	4.41	2	-0.07	-0.05	-0.09
1500.	1	1492.9	0.0	1492.9	1492.9	1	0.3	0.3	0.3	2	4.26	0.00	4.26	4.26	2	-0.06	-0.05	-0.07
1750.	1	1495.6	0.0	1495.6	1495.6	1	0.3	0.3	0.3	1	3.90	0.00	3.90	3.90	1	-0.04	-0.04	-0.04
2000.	1	1498.5	0.0	1498.5	1498.5	1	0.3	0.3	0.3	1	3.58	0.00	3.58	3.58	1	-0.04	-0.04	-0.04
2500.	1	1504.7	0.0	1504.7	1504.7	1	0.4	0.4	0.4	1	3.06	0.00	3.06	3.06	1	-0.02	-0.02	-0.02
3000.	1	1512.0	0.0	1512.0	1512.0	1	0.4	0.4	0.4	1	2.77	0.00	2.77	2.77	1	-0.02	-0.02	-0.02
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.33	0.00	2.33	2.33	1	-0.01	-0.01	-0.01
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.09	0.00	2.09	2.09	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 79 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
	NO	AVG	S D	MAX	MIN	MIX	NO	AVG	S D	MAX	MIN	MIX
0.	3	1542.2	1.6	1543.5	1540.5	0.0	0	27.42	0.48	28.06	26.86	0.00
10.	3	1542.4	1.6	1543.9	1540.7	-0.7	6	27.43	0.44	28.12	26.87	-0.61
20.	3	1542.4	1.6	1544.0	1540.9	-0.9	6	27.43	0.41	28.11	26.88	-0.61
30.	3	1542.4	1.6	1544.2	1541.0	-0.2	6	27.43	0.41	28.12	26.88	-0.64
40.	3	1542.0	1.3	1543.5	1541.2	-0.6	6	26.67	0.83	27.05	25.18	-1.83
50.	3	1538.2	0.7	1538.8	1537.4	-4.1	6	24.74	0.84	25.35	23.10	-2.90
75.	3	1535.1	0.8	1535.7	1534.2	-3.0	6	23.27	0.87	24.03	21.71	-1.79
100.	3	1532.7	0.3	1533.0	1532.4	-3.7	6	22.13	0.81	23.00	20.59	-1.66
125.	3	1530.5	0.7	1531.1	1529.8	-3.0	6	21.16	0.81	22.04	19.94	-1.39
150.	3	1527.1	1.2	1528.4	1526.1	-1.5	6	19.69	0.65	20.41	18.78	-1.02
200.	3	1525.1	1.0	1526.2	1524.2	-1.2	6	18.74	0.45	19.32	18.15	-0.74
250.	3	1523.9	0.8	1524.7	1523.1	-0.6	6	18.08	0.27	18.52	17.82	-0.63
300.	3	1523.5	0.4	1523.7	1522.9	-0.1	6	17.16	0.39	17.64	16.73	-0.46
350.	3	1519.6	1.3	1521.0	1518.4	-1.7	6	15.50	0.51	16.26	14.84	-0.69
400.	3	1514.0	0.9	1514.8	1513.0	-2.1	6	13.34	0.53	13.92	12.43	-0.80
450.	3	1507.2	0.5	1507.6	1506.6	-2.0	6	10.93	0.83	11.45	10.05	-1.64
500.	3	1501.2	0.4	1501.7	1501.0	-1.6	6	9.07	0.28	9.37	8.71	-0.68
550.	3	1496.2	0.6	1496.7	1495.4	-1.2	6	7.46	0.19	7.71	7.20	-0.50
600.	3	1493.6	0.9	1494.4	1492.7	-0.5	6	6.44	0.20	6.74	6.26	-0.28
650.	3	1491.7	1.0	1493.3	1491.3	-0.4	6	5.75	0.21	6.07	5.52	-0.25
700.	3	1491.7	1.2	1493.1	1490.8	-0.0	6	5.17	0.22	5.59	4.97	-0.27
750.	3	1491.7	1.2	1493.0	1490.9	-0.1	6	4.74	0.22	5.16	4.58	-0.17
800.	3	1492.1	1.0	1493.2	1491.5	0.3	6	4.43	0.19	4.80	4.29	-0.15
850.	3	1493.0	0.7	1493.7	1492.4	0.3	6	4.22	0.16	4.52	4.05	-0.06
900.	3	1493.5	0.7	1496.3	1494.9	0.3	6	3.83	0.16	4.12	3.65	-0.06
950.	3	1498.3	0.6	1499.0	1497.9	0.4	6	3.55	0.14	3.76	3.46	-0.04
1000.	3	1504.8	0.3	1505.0	1504.5	0.4	6	3.04	0.06	3.15	3.02	-0.02
1100.	3	1511.8	0.1	1511.9	1511.7	0.4	6	2.71	0.03	2.74	2.68	-0.02
1200.	3	1527.7	0.1	1527.7	1527.6	0.5	6	2.36	0.01	2.37	2.35	-0.02
1300.	1	1544.6	0.0	1544.6	1544.6	0.5	2	2.16	0.02	2.17	2.14	-0.01

SUMMARY FOR QUADRANT 2 OF MARSUEN SQUARE 79 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1542.4	0.0	1542.4	1542.4	0	0.0	0.30	27.83	27.10	0	0.00	0.00	0.00
10.	1	1542.4	0.0	1542.4	1542.4	1	0.7	0.26	27.85	27.12	6	0.06	0.58	-0.30
20.	1	1542.9	0.0	1542.9	1542.9	1	0.9	0.26	27.87	27.15	6	0.06	0.55	-0.30
30.	1	1543.1	0.0	1543.1	1543.1	1	0.6	0.28	27.88	27.17	6	0.06	0.58	-0.30
50.	1	1542.7	0.0	1542.7	1542.7	1	-4.1	0.39	27.77	26.62	6	-1.63	-0.30	-2.95
75.	1	1540.1	0.0	1540.1	1540.1	1	-3.2	0.67	26.31	24.46	6	-1.74	-0.98	-2.63
100.	1	1538.5	0.0	1538.5	1538.5	1	-1.3	0.90	25.45	22.91	6	-1.35	-0.91	-1.93
125.	1	1537.3	0.0	1537.3	1537.3	1	-1.5	1.03	24.51	21.81	6	-1.33	-0.93	-1.76
150.	1	1536.1	0.0	1536.1	1536.1	1	-1.4	1.10	23.61	20.89	6	-1.28	-0.78	-1.60
200.	1	1531.1	0.0	1531.1	1531.1	1	-4.0	0.71	21.37	19.84	6	-1.17	-0.34	-1.71
250.	1	1527.3	0.0	1527.3	1527.3	1	-1.8	0.33	19.69	18.72	6	-0.81	-0.36	-1.24
300.	1	1524.9	0.0	1524.9	1524.9	1	-1.3	0.26	18.62	18.05	6	-0.39	-0.18	-0.62
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.43	17.57	16.49	5	-0.35	-0.23	-0.63
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.77	16.31	14.41	5	-0.55	-0.39	-0.66
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.91	14.40	12.22	5	-0.66	-0.57	-0.74
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.84	12.08	10.23	5	-0.66	-0.56	-0.73
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.61	9.77	8.50	5	-0.49	-0.24	-0.75
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.17	8.18	7.70	5	-0.49	-0.03	-1.52
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.17	7.03	6.56	5	-0.31	-0.22	-0.36
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.08	6.08	5.87	5	-0.22	-0.19	-0.26
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.05	5.38	5.28	5	-0.18	-0.12	-0.23
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.02	4.87	4.82	5	-0.13	-0.10	-0.16
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.03	4.53	4.47	5	-0.09	-0.07	-0.11
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.05	4.31	4.19	5	-0.07	-0.04	-0.09
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.11	4.00	3.74	5	-0.04	-0.02	-0.05
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.07	3.67	3.52	5	-0.03	-0.02	-0.04
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	3.08	3.08	2	-0.03	-0.02	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	2.71	2.71	1	-0.02	-0.02	-0.02
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	2.40	2.40	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 79 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1529.7	1.8	1532.1	1527.8	0	0.0	0.0	0.0	4	22.14	0.71	23.10	21.37	0	0.00	0.00	0.00
10.	4	1529.8	1.8	1532.2	1527.9	4	0.4	0.6	0.3	4	22.13	0.71	23.07	21.36	4	-0.03	0.03	-0.09
20.	4	1529.9	1.8	1532.3	1527.9	4	0.1	0.3	0.3	4	22.12	0.71	23.05	21.32	4	-0.05	-0.06	-0.12
30.	4	1530.1	1.8	1532.4	1528.1	4	0.5	1.5	0.3	4	22.11	0.70	23.02	21.31	4	0.02	0.15	-0.09
50.	4	1530.5	1.8	1532.8	1528.5	4	0.8	1.5	0.6	4	22.12	0.71	23.05	21.33	4	-0.13	0.05	-0.30
75.	4	1530.5	1.9	1533.1	1528.7	4	-0.3	0.4	-1.5	4	21.97	0.74	23.00	21.27	4	-0.27	-0.06	-0.91
100.	4	1528.7	0.7	1529.6	1528.0	4	-4.3	-3.0	-5.7	4	21.12	0.26	21.48	20.87	4	-1.82	-1.37	-2.41
125.	4	1526.2	0.5	1526.7	1525.7	4	-3.0	-2.2	-3.5	4	20.06	0.18	20.25	19.88	4	-1.30	-1.02	-1.50
150.	4	1524.5	0.5	1525.1	1523.9	4	-1.4	-1.0	-1.8	4	19.31	0.18	19.48	19.10	4	-0.68	-0.41	-0.85
200.	4	1522.9	0.4	1523.3	1522.3	3	-0.6	-0.4	-0.7	4	18.47	0.13	18.58	18.28	4	-0.06	0.84	-0.44
250.	4	1522.4	0.3	1522.6	1522.2	4	-0.1	0.4	-0.5	4	18.01	0.08	18.08	17.94	4	-0.22	-0.14	-0.35
300.	4	1522.5	0.2	1522.8	1522.4	4	0.3	0.4	0.1	4	17.77	0.07	17.87	17.73	4	-0.09	-0.06	-0.13
400.	4	1522.2	0.4	1522.4	1521.6	3	-0.3	-0.2	-0.4	4	17.14	0.12	17.22	16.96	4	-0.22	-0.15	-0.29
500.	4	1519.1	1.5	1520.2	1516.9	4	-1.4	-1.1	-1.9	4	15.69	0.47	16.03	15.01	4	-0.60	-0.48	-0.72
600.	4	1513.7	1.8	1515.5	1511.3	4	-1.8	-1.5	-1.9	4	13.62	0.51	14.14	12.92	4	-0.66	-0.60	-0.70
700.	4	1507.0	1.4	1508.6	1505.1	4	-2.3	-1.9	-2.4	4	11.24	0.41	11.70	10.71	4	-0.78	-0.67	-0.82
800.	4	1500.2	1.2	1501.4	1498.6	3	-2.1	-2.1	-2.2	4	8.99	0.32	9.32	8.55	4	-6.67	-0.69	-24.59
900.	4	1495.1	0.9	1495.7	1493.8	4	-1.3	-0.9	-1.8	4	7.27	0.23	7.42	6.93	4	-0.46	-0.34	-0.59
1000.	4	1492.8	0.7	1493.2	1491.8	4	-0.4	-0.4	-0.8	4	6.27	0.17	6.38	6.02	4	-0.24	-0.10	-0.33
1100.	4	1491.9	0.8	1493.0	1491.1	4	-0.3	-0.1	-0.4	4	5.64	0.20	5.91	5.44	4	-0.19	-0.14	-0.23
1200.	4	1491.9	0.6	1492.7	1491.2	4	0.0	0.1	-0.1	4	5.23	0.15	5.42	5.06	4	-0.12	-0.10	-0.15
1300.	4	1492.2	0.5	1492.7	1491.6	4	0.1	0.2	0.1	4	4.89	0.12	5.02	4.76	4	-0.11	-0.09	-0.12
1400.	4	1492.7	0.6	1493.3	1492.1	3	0.2	0.2	0.2	4	4.61	0.14	4.74	4.48	3	-0.07	-0.07	-0.08
1500.	4	1493.4	0.5	1494.0	1492.5	4	0.3	0.4	0.2	4	4.37	0.13	4.52	4.25	4	-0.06	-0.04	-0.07
1750.	4	1495.8	0.4	1496.1	1495.3	4	0.3	0.3	0.3	4	3.94	0.09	4.02	3.84	4	-0.05	-0.04	-0.06
2000.	4	1498.4	0.2	1498.6	1498.1	4	0.3	0.3	0.3	4	3.58	0.05	3.62	3.51	4	-0.04	-0.04	-0.05
2500.	4	1504.9	0.0	1505.0	1504.8	4	0.4	0.4	0.4	4	3.10	0.02	3.12	3.07	4	-0.03	-0.02	-0.03
3000.	4	1512.0	0.0	1512.1	1511.8	4	0.4	0.5	0.4	4	2.76	0.03	2.78	2.72	4	-0.02	-0.02	-0.02
4000.	4	1527.7	0.0	1527.9	1527.6	4	0.5	0.5	0.5	4	2.36	0.03	2.39	2.33	4	-0.01	-0.00	-0.01
5000.	2	1544.5	0.1	1544.6	1544.4	2	0.5	0.5	0.5	2	2.14	0.03	2.16	2.12	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 79 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	21.89	0.25	22.25	21.68	0	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	21.78	0.30	22.21	21.57	4	-0.32	-0.73
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	21.51	0.41	22.12	21.24	4	-1.50	-2.43
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	21.06	0.43	21.68	20.68	4	-1.52	-1.71
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	20.58	0.56	21.37	20.11	3	-0.55	-1.05
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	20.20	0.68	21.03	19.50	4	-0.30	-0.64
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	19.88	0.56	20.59	19.25	3	-0.37	-0.86
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	19.47	0.49	20.11	18.94	4	-0.58	-0.87
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	19.03	0.46	19.59	18.56	4	-0.50	-0.74
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	18.42	0.16	18.57	19.23	4	-0.24	-0.51
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	18.10	0.15	18.30	17.96	4	-0.12	-0.40
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	17.84	0.13	17.99	17.73	4	-0.10	-0.41
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	17.32	0.18	17.52	17.08	4	-0.16	-0.50
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	15.99	0.37	16.59	15.67	4	-0.45	-0.52
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	14.34	0.78	15.43	13.67	4	-0.51	-0.61
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	12.20	0.75	13.12	11.30	4	-0.74	-1.04
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	9.85	0.66	10.49	8.98	3	-0.68	-0.73
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	7.98	0.46	8.39	7.39	4	-0.54	-0.63
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	6.65	0.33	7.03	6.31	4	-0.34	-0.45
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	5.95	0.17	6.12	5.72	4	-0.16	-0.24
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	5.51	0.17	5.68	5.30	4	-0.13	-0.16
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	5.14	0.16	5.28	4.96	4	-0.09	-0.12
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	4.85	0.14	4.77	4.67	3	-0.06	-0.07
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	4.60	0.14	4.71	4.41	4	-0.07	-0.03
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	4.09	0.10	4.17	3.94	4	-0.06	-0.07
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	3.72	0.07	3.40	3.63	4	-0.04	-0.06
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	3.19	0.04	3.24	3.14	4	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	2.83	0.04	2.86	2.79	3	-0.02	-0.02
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2	2.40	0.04	2.43	2.37	2	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 79 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1533.7	4.0	1536.5	1530.9	0	0.0	0.0	0.0	2	23.77	1.71	24.98	22.56	0	0.00	0.00	0.00
10.	2	1532.7	5.1	1536.3	1529.1	2	-3.1	-0.7	-5.5	2	23.30	2.13	24.80	21.79	2	-1.48	-0.61	-2.35
20.	2	1531.8	5.8	1535.9	1527.7	2	-2.7	-1.2	-4.3	2	22.89	2.40	24.58	21.19	2	-1.25	-0.67	-1.63
30.	2	1531.2	6.1	1535.5	1526.9	2	-1.2	-1.2	-1.2	2	22.58	2.47	24.33	20.93	2	-0.75	-0.73	-0.75
50.	2	1530.3	6.0	1534.5	1526.0	2	-1.4	-1.4	-1.5	2	22.08	2.36	23.75	20.41	2	-0.76	-0.64	-0.84
75.	2	1528.8	5.2	1532.5	1525.1	2	-1.8	-1.1	-2.4	2	21.35	1.97	22.74	19.96	2	-0.89	-0.55	-1.23
100.	2	1527.4	4.4	1530.5	1524.3	2	-1.7	-1.0	-2.4	2	20.67	1.61	21.80	19.53	2	-0.84	-0.52	-1.15
125.	2	1526.1	3.3	1528.4	1523.7	2	-1.6	-0.7	-2.6	2	20.02	1.18	20.85	19.18	2	-0.79	-0.43	-1.16
150.	2	1525.0	2.3	1526.6	1523.3	2	-1.3	-0.5	-2.2	2	19.47	0.81	20.04	18.89	2	-0.67	-0.35	-0.99
200.	2	1523.4	1.1	1524.1	1522.6	2	-1.0	-0.4	-1.5	2	18.62	0.33	18.85	18.39	2	-0.52	-0.30	-0.73
250.	2	1523.1	1.2	1523.9	1522.2	2	-0.2	-0.1	-0.2	2	18.24	0.38	18.51	17.97	2	-0.23	-0.21	-0.26
300.	2	1522.8	1.3	1523.7	1521.9	2	-0.2	-0.1	-0.2	2	17.89	0.42	18.18	17.59	2	-0.22	-0.20	-0.23
400.	2	1522.6	1.5	1523.6	1521.5	2	-0.1	-0.0	-0.1	2	17.26	0.47	17.59	16.93	2	-0.19	-0.18	-0.20
500.	2	1520.8	1.3	1521.7	1519.8	2	-0.5	-0.5	-0.6	2	16.20	0.40	16.48	15.91	2	-0.32	-0.31	-0.34
600.	2	1516.4	0.6	1516.8	1516.0	2	-1.3	-1.2	-1.5	2	14.59	0.16	14.50	14.28	2	-0.55	-0.50	-0.60
700.	2	1510.5	1.5	1511.5	1509.4	2	-1.8	-1.4	-2.3	2	12.23	0.41	12.52	11.94	2	-0.66	-0.54	-0.78
800.	2	1503.8	1.2	1504.6	1502.9	2	-2.0	-2.0	-2.1	2	9.96	0.33	10.19	9.73	2	-0.69	-0.67	-0.71
900.	2	1498.2	1.5	1499.2	1497.1	2	-1.7	-1.6	-1.8	2	8.05	0.38	8.32	7.78	2	-0.58	-0.57	-0.59
1000.	2	1494.4	1.5	1495.4	1493.3	2	-0.9	-0.6	-1.2	2	6.68	0.38	6.95	6.41	2	-0.33	-0.24	-0.42
1100.	2	1493.5	1.5	1494.5	1492.4	2	-0.3	-0.3	-0.3	2	6.04	0.37	6.30	5.77	2	-0.20	-0.20	-0.20
1200.	2	1493.0	1.4	1494.0	1492.0	2	-0.1	-0.2	-0.2	2	5.51	0.35	5.75	5.26	2	-0.14	-0.12	-0.17
1300.	2	1493.2	1.2	1494.0	1492.3	2	0.0	0.1	0.1	2	5.13	0.31	5.35	4.91	2	-0.11	-0.11	-0.12
1400.	2	1493.6	1.1	1494.3	1492.8	2	0.4	0.6	0.1	2	4.81	0.25	4.99	4.63	2	-0.09	-0.06	-0.11
1500.	2	1494.1	0.7	1494.6	1493.6	2	0.2	0.2	0.1	2	4.55	0.17	4.67	4.43	2	-0.08	-0.06	-0.10
1750.	2	1496.2	0.6	1496.6	1495.8	2	0.2	0.3	0.2	2	4.05	0.14	4.15	3.95	2	-0.06	-0.06	-0.06
2000.	2	1498.7	0.6	1499.1	1498.3	2	0.5	0.6	0.3	2	3.64	0.14	3.74	3.54	2	-0.04	-0.03	-0.05
2500.	2	1505.1	0.5	1505.4	1504.7	2	0.4	0.4	0.4	2	3.14	0.12	3.22	3.05	2	-0.03	-0.03	-0.03
3000.	2	1512.4	0.5	1512.7	1512.0	2	0.4	0.4	0.4	2	2.84	0.11	2.91	2.76	2	-0.02	-0.02	-0.02
4000.	2	1527.8	0.1	1527.8	1527.7	2	0.5	0.5	0.5	2	2.37	0.02	2.38	2.35	2	-0.01	-0.01	-0.01
5000.	2	1544.6	0.4	1544.9	1544.3	2	0.5	0.5	0.5	2	2.16	0.09	2.22	2.09	2	-0.01	-0.00	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 79 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1541.4	1.3	1543.3	1539.1	0	0.0	0.0	0.0	8	27.11	0.57	27.92	26.12	0	0.00	0.00	0.00
10.	8	1540.7	1.2	1542.0	1538.8	8	-2.2	-0.3	-6.7	8	26.67	0.55	27.28	25.81	8	-1.35	-0.40	-3.26
20.	8	1539.3	1.9	1541.2	1535.4	8	-6.1	-0.9	-15.2	8	25.98	0.81	26.87	24.30	8	-3.12	-0.70	-7.16
30.	8	1536.1	2.6	1538.5	1530.8	8	-9.1	-4.1	-14.3	8	24.51	1.04	25.56	22.35	8	-4.22	-2.13	-6.49
50.	8	1532.4	4.7	1535.3	1527.9	8	-5.5	-3.0	-9.1	8	22.82	1.05	23.97	21.06	8	-2.51	-1.52	-3.89
75.	8	1529.8	2.8	1532.5	1524.5	8	-2.3	-0.8	-4.1	8	21.66	1.02	22.67	19.73	8	-1.01	-0.38	-1.62
100.	8	1528.3	2.4	1531.7	1523.6	8	-2.3	-1.1	-3.7	8	20.95	0.99	22.13	19.29	8	-1.03	-0.54	-1.46
125.	8	1526.7	2.4	1529.8	1522.7	8	-2.0	-1.1	-3.0	8	20.20	0.84	21.24	18.83	8	-0.91	-0.56	-1.30
150.	8	1525.3	2.1	1528.0	1522.1	8	-1.6	-0.7	-3.0	8	19.57	0.69	20.50	18.49	8	-0.73	-0.30	-1.22
200.	8	1523.6	1.0	1525.2	1522.1	8	-0.8	-0.6	-3.0	8	18.67	0.34	19.25	18.19	8	-0.41	-0.18	-0.71
250.	8	1522.9	0.4	1523.4	1522.3	8	-0.0	0.1	-0.1	8	18.19	0.13	18.34	17.98	8	-0.18	-0.13	-0.30
300.	8	1522.9	0.4	1523.5	1522.4	6	0.6	1.5	0.1	8	17.92	0.12	18.10	17.75	8	-0.08	-0.08	-0.16
400.	8	1522.8	0.5	1523.9	1522.2	7	-0.5	0.1	-1.0	8	17.38	0.18	17.73	17.17	8	-0.25	-0.09	-0.46
500.	8	1520.5	1.5	1523.3	1518.7	8	-1.0	-0.3	-2.0	8	16.17	0.47	17.03	15.62	8	-0.43	-0.21	-0.81
600.	8	1516.4	2.5	1521.0	1512.3	8	-1.5	-0.7	-2.2	8	14.59	0.74	15.78	13.22	8	-0.61	-0.38	-0.85
700.	8	1510.7	3.1	1515.9	1506.4	8	-1.8	-1.3	-2.7	8	12.29	0.89	13.80	11.09	8	-0.65	-0.54	-0.69
800.	8	1505.0	3.6	1510.5	1499.8	8	-2.0	-1.7	-2.3	8	10.27	0.96	11.79	8.88	8	-0.66	-0.59	-0.75
900.	8	1499.7	3.3	1504.5	1494.9	8	-1.6	-1.4	-1.8	8	8.42	0.85	9.70	7.22	8	-0.56	-0.49	-0.64
1000.	8	1496.1	2.7	1499.9	1492.4	8	-0.8	-0.4	-1.2	8	7.09	0.69	8.06	6.16	8	-0.34	-0.24	-0.44
1100.	8	1494.2	2.0	1496.9	1491.4	8	-0.6	-0.2	-0.9	8	6.19	0.49	6.86	5.50	8	-0.27	-0.15	-0.37
1200.	8	1493.4	1.2	1495.4	1491.5	8	-0.1	0.2	-0.7	8	5.59	0.31	6.08	5.14	8	-0.15	-0.08	-0.29
1300.	8	1493.5	1.0	1495.1	1491.9	8	0.1	0.3	0.0	8	5.21	0.25	5.62	4.83	8	-0.11	-0.07	-0.13
1400.	8	1493.9	0.9	1495.3	1492.5	7	0.1	0.2	0.0	8	4.92	0.22	5.24	4.56	8	-0.09	-0.07	-0.12
1500.	8	1494.5	0.8	1495.5	1493.3	7	0.2	0.3	0.1	8	4.65	0.20	4.90	4.36	8	-0.08	-0.05	-0.10
1750.	8	1496.4	0.5	1497.0	1495.7	8	0.3	0.3	0.2	8	4.12	0.13	4.26	3.93	8	-0.06	-0.05	-0.08
2000.	8	1494.1	0.3	1499.4	1498.6	8	0.3	0.4	0.3	8	3.74	0.09	3.83	3.61	8	-0.04	-0.02	-0.04
2500.	8	1505.4	0.1	1505.6	1504.9	8	0.4	0.4	0.3	8	3.24	0.06	3.31	3.12	8	-0.03	-0.02	-0.03
3000.	8	1512.3	0.0	1512.5	1512.0	7	0.4	0.4	0.4	8	2.84	0.04	2.89	2.77	8	-0.02	-0.01	-0.03
4000.	7	1527.6	0.1	1527.9	1527.3	6	0.5	0.5	0.4	8	2.35	0.04	2.40	2.28	8	-0.01	-0.01	-0.02
5000.	2	1544.4	0.1	1544.5	1544.3	2	0.5	0.5	0.5	2	2.10	0.04	2.12	2.07	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 79 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
	NO	AVG	S D	MAX	MIN		NO	AVG	S D	MAX	MIN	
0.	1	1545.1	0.0	1545.1	1545.1		1	28.72	0.00	28.72	28.72	
10.	1	1545.1	0.0	1545.1	1545.1		1	28.65	0.00	28.65	28.65	
20.	1	1545.1	0.0	1545.1	1545.1		1	28.57	0.00	28.57	28.57	
30.	1	1542.4	0.0	1542.4	1542.4		1	27.28	0.00	27.28	27.28	
40.	1	1535.8	0.0	1535.8	1535.8		1	24.23	0.00	24.23	24.23	
50.	1	1531.8	0.0	1531.8	1531.8		1	22.39	0.00	22.39	22.39	
75.	1	1528.1	0.0	1528.1	1528.1		1	20.87	0.00	20.87	20.87	
100.	1	1526.0	0.0	1526.0	1526.0		1	19.92	0.00	19.92	19.92	
125.	1	1524.4	0.0	1524.4	1524.4		1	18.32	0.00	18.32	18.32	
150.	1	1522.5	0.0	1522.5	1522.5		1	17.77	0.00	17.77	17.77	
200.	1	1521.6	0.0	1521.6	1521.6		1	17.18	0.00	17.18	17.18	
250.	1	1520.6	0.0	1520.6	1520.6		1	15.92	0.00	15.92	15.92	
300.	1	1518.1	0.0	1518.1	1518.1		1	14.55	0.00	14.55	14.55	
400.	1	1515.2	0.0	1515.2	1515.2		1	13.06	0.00	13.06	13.06	
500.	1	1511.7	0.0	1511.7	1511.7		1	11.45	0.00	11.45	11.45	
600.	1	1507.6	0.0	1507.6	1507.6		1	9.60	0.00	9.60	9.60	
700.	1	1502.4	0.0	1502.4	1502.4		1	7.70	0.00	7.70	7.70	
800.	1	1496.8	0.0	1496.8	1496.8		1	6.55	0.00	6.55	6.55	
900.	1	1493.8	0.0	1493.8	1493.8		1	6.05	0.00	6.05	6.05	
1000.	1	1493.5	0.0	1493.5	1493.5		1	5.60	0.00	5.60	5.60	
1100.	1	1493.4	0.0	1493.4	1493.4		1	4.83	0.00	4.83	4.83	
1200.	1	1493.4	0.0	1493.4	1493.4		1	4.52	0.00	4.52	4.52	
1300.	1	1493.6	0.0	1493.6	1493.6		1	4.04	0.00	4.04	4.04	
1400.	1	1494.0	0.0	1494.0	1494.0		1	3.66	0.00	3.66	3.66	
1500.	1	1496.2	0.0	1496.2	1496.2		1	3.17	0.00	3.17	3.17	
1750.	1	1498.8	0.0	1498.8	1498.8		1	2.79	0.00	2.79	2.79	
2000.	1	1505.2	0.0	1505.2	1505.2		1	2.32	0.00	2.32	2.32	
2500.	1	1512.1	0.0	1512.1	1512.1		1	2.10	0.00	2.10	2.10	
3000.	1	1527.6	0.0	1527.6	1527.6		1	2.10	0.00	2.10	2.10	
4000.	1	1544.4	0.0	1544.4	1544.4		1	2.10	0.00	2.10	2.10	
5000.	1	1544.4	0.0	1544.4	1544.4		1	2.10	0.00	2.10	2.10	

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 79 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	M N	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1538.9	0.0	1538.9	1538.9	0	0.0	0.0	0.0	13	27.09	0.63	28.00	25.98	0	0.00	0.00	0.00
10.	1	1538.9	0.0	1538.9	1538.9	1	0.0	0.0	0.0	13	26.84	0.63	27.90	25.93	13	-0.75	0.03	-2.50
20.	1	1539.1	0.0	1539.1	1539.1	1	0.6	0.6	0.6	13	26.58	0.74	27.80	25.70	13	-0.82	0.03	-2.38
30.	1	1539.3	0.0	1539.3	1539.3	1	0.6	0.6	0.6	13	26.28	0.92	27.70	25.04	13	-0.91	0.03	-2.29
50.	1	1539.8	0.0	1539.8	1539.8	1	0.8	0.8	0.8	13	25.27	1.38	27.49	23.27	13	-2.33	0.03	-3.95
75.	1	1531.6	0.0	1531.6	1531.6	1	-10.0	-10.0	-10.0	13	23.10	1.46	25.56	20.96	13	-2.65	-1.80	-4.34
100.	1	1526.3	0.0	1526.3	1526.3	1	-6.5	-6.5	-6.5	13	21.48	1.34	23.74	19.88	13	-1.62	-0.40	-2.69
125.	1	1524.0	0.0	1524.0	1524.0	1	-2.8	-2.8	-2.8	13	20.52	1.12	22.47	19.28	13	-1.10	-0.71	-1.55
150.	1	1522.5	0.0	1522.5	1522.5	1	-1.8	-1.8	-1.8	13	19.79	0.95	21.38	18.62	13	-0.88	-0.37	-1.33
200.	1	1511.9	0.0	1521.9	1521.9	1	-0.4	-0.4	-0.4	13	18.78	0.61	19.96	19.12	13	-0.47	-0.17	-0.95
250.	1	1522.1	0.0	1522.1	1522.1	1	0.1	0.1	0.1	13	18.20	0.36	18.70	17.64	13	-0.35	-0.13	-0.96
300.	1	1522.4	0.0	1522.4	1522.4	1	0.2	0.2	0.2	13	17.77	0.27	18.21	17.40	13	-0.23	-0.09	-0.72
400.	1	1522.6	0.0	1522.6	1522.6	1	0.2	0.2	0.2	13	17.11	0.46	17.45	15.80	13	-0.25	-0.09	-0.67
500.	1	1520.2	0.0	1520.2	1520.2	1	-0.7	-0.7	-0.7	13	15.70	0.72	16.45	13.87	13	-0.46	-0.28	-0.75
600.	1	1515.4	0.0	1515.9	1515.9	1	-1.3	-1.3	-1.3	13	13.85	0.82	14.71	11.81	13	-0.61	-0.48	-0.75
700.	1	1509.5	0.0	1509.5	1509.5	1	-2.0	-2.0	-2.0	13	11.66	0.78	12.40	9.84	13	-0.78	-0.60	-1.83
800.	1	1503.6	0.0	1503.6	1503.6	1	-1.8	-1.8	-1.8	13	9.49	0.67	10.66	8.07	13	-0.62	-0.15	-0.91
900.	1	1497.7	0.0	1497.7	1497.7	1	-1.8	-1.8	-1.8	13	7.60	0.35	7.99	6.99	13	-0.68	-0.30	-2.36
1000.	1	1493.7	0.0	1493.7	1493.7	1	-1.2	-1.2	-1.2	13	6.40	0.20	6.66	5.94	13	-0.28	-0.09	-0.43
1100.	1	1492.9	0.0	1492.9	1492.9	1	-0.2	-0.2	-0.2	13	5.75	0.10	5.88	5.62	13	-0.16	-0.09	-0.27
1200.	1	1492.5	0.0	1492.5	1492.5	1	-0.1	-0.1	-0.1	13	5.30	0.10	5.47	5.16	13	-0.15	-0.09	-0.20
1300.	1	1492.9	0.0	1492.9	1492.9	1	0.1	0.1	0.1	13	4.96	0.09	5.12	4.80	13	-0.10	-0.05	-0.16
1400.	1	1493.5	0.0	1493.5	1493.5	1	0.2	0.2	0.2	13	4.68	0.11	4.89	4.54	13	-0.08	-0.04	-0.11
1500.	1	1494.2	0.0	1494.2	1494.2	1	0.2	0.2	0.2	13	4.44	0.11	4.65	4.28	13	-0.07	-0.05	-0.10
1750.	1	1496.2	0.0	1496.2	1496.2	1	0.2	0.2	0.2	13	3.96	0.27	4.83	3.77	13	-0.05	0.08	-0.05
2000.	1	1498.8	0.0	1498.8	1498.8	1	0.3	0.3	0.3	13	3.72	0.53	5.48	3.45	13	-0.02	0.08	-0.05
2500.	1	1505.4	0.0	1505.4	1505.4	0	0.0	0.0	0.0	4	3.16	0.08	3.25	3.08	4	-0.02	-0.01	-0.03
3000.	1	1512.4	0.0	1512.4	1512.4	0	0.0	0.0	0.0	4	2.62	0.04	2.87	2.79	4	-0.02	-0.02	-0.02
4000.	1	1527.4	0.0	1527.4	1527.4	1	0.5	0.5	0.5	3	2.33	0.04	2.36	2.28	3	-0.01	-0.01	-0.01
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.07	0.00	2.07	2.07	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1532.5	2.4	1535.0	1529.8	0	0.0	0.0	0.0	5	23.30	1.00	24.30	22.10	0	0.00	0.00	0.00
10.	5	1532.4	2.2	1535.0	1529.9	5	-0.5	0.3	-1.8	5	23.18	0.93	24.24	22.10	5	-0.38	-0.12	-0.94
20.	5	1532.3	2.1	1535.1	1530.1	5	-0.3	0.6	-1.8	5	23.05	0.88	24.17	22.11	5	-0.37	0.33	-0.91
30.	5	1532.1	2.1	1535.1	1530.2	5	-0.4	0.3	-1.8	5	22.93	0.84	24.11	22.11	5	-0.38	-0.12	-0.91
40.	5	1531.9	2.0	1535.1	1530.5	5	-0.4	0.5	-1.5	5	22.68	0.81	23.98	22.12	5	-0.37	0.32	-0.85
50.	5	1531.5	2.2	1535.2	1529.2	5	-0.4	0.5	-1.6	5	22.38	0.88	23.82	21.46	5	-0.37	-0.12	-0.82
75.	5	1530.6	1.6	1532.4	1528.0	5	-3.0	-1.5	-4.3	5	21.83	0.66	22.64	20.83	5	-1.36	-0.77	-1.83
100.	5	1528.2	1.0	1529.4	1526.7	5	-2.9	-1.6	-4.0	5	20.80	0.43	21.41	20.21	5	-1.26	-0.76	-1.71
125.	5	1526.3	0.6	1527.0	1525.5	5	-2.3	-1.5	-2.9	5	19.98	0.30	20.41	19.66	5	-1.00	-0.67	-1.22
150.	5	1524.5	0.6	1525.4	1523.8	4	-0.7	-0.6	-1.0	5	19.00	0.23	19.36	18.78	5	-0.41	-0.25	-0.54
200.	5	1523.8	0.4	1524.2	1523.2	5	-0.5	-0.2	-1.0	5	18.47	0.15	18.65	18.30	5	-0.32	-0.22	-0.46
250.	5	1523.3	0.5	1524.1	1522.8	5	-0.2	-0.2	-0.8	5	18.03	0.18	18.31	17.89	5	-0.27	-0.18	-0.41
300.	5	1522.9	0.5	1523.7	1522.4	5	0.1	0.3	-0.1	5	17.37	0.18	17.61	17.19	5	-0.14	-0.08	-0.20
400.	5	1521.7	1.5	1523.3	1519.9	4	-0.2	-0.4	-0.4	5	16.48	0.45	16.97	15.93	5	-0.33	-0.22	-0.43
500.	5	1521.7	3.0	1521.1	1513.9	4	-1.4	-0.7	-2.3	5	14.81	0.87	15.77	13.66	5	-0.55	-0.37	-0.72
600.	5	1521.9	3.0	1521.1	1513.9	4	-1.4	-0.7	-2.3	5	14.81	0.87	15.77	13.66	5	-0.55	-0.37	-0.72
700.	5	1512.3	3.5	1516.4	1507.4	5	-2.3	-2.0	-3.0	5	12.72	0.99	13.89	11.37	5	-0.76	-0.69	-0.91
800.	5	1505.0	3.0	1508.8	1501.2	1	-3.0	-3.0	-3.0	5	10.28	0.80	11.30	9.27	5	-0.80	-0.61	-1.07
900.	5	1498.3	1.4	1500.1	1496.5	1	-0.9	-0.9	-0.9	5	8.10	0.35	8.56	7.63	5	-0.58	-0.37	-0.76
1000.	5	1493.6	0.9	1495.1	1492.8	4	-1.3	-0.8	-1.8	5	6.48	0.24	6.88	6.29	5	-0.39	-0.23	-0.56
1100.	5	1492.0	0.6	1492.5	1491.2	5	-0.5	-0.3	-0.7	5	5.67	0.14	5.80	5.49	5	-0.24	-0.18	-0.20
1200.	5	1491.4	0.5	1492.0	1490.6	2	0.0	0.0	0.0	5	5.11	0.13	5.25	4.92	5	-0.15	-0.13	-0.17
1300.	5	1491.6	0.3	1492.0	1491.7	2	0.1	0.3	-0.1	5	4.76	0.07	4.85	4.66	5	-0.07	-0.05	-0.15
1400.	5	1492.0	0.3	1492.4	1491.7	2	0.1	0.2	0.1	5	4.46	0.06	4.54	4.38	5	-0.08	-0.07	-0.10
1500.	5	1492.6	0.5	1493.0	1491.6	3	0.2	0.3	0.2	5	4.18	0.13	4.29	3.95	5	-0.08	-0.05	-0.14
1750.	4	1494.8	0.5	1495.2	1494.0	1	0.4	0.4	0.4	5	3.72	0.11	3.81	3.54	5	-0.03	-0.02	-0.06
2000.	4	1498.1	0.3	1498.2	1497.7	3	0.4	0.5	0.4	4	3.50	0.06	3.53	3.41	4	-0.02	-0.02	-0.03
2500.	1	1504.9	0.0	1504.9	1504.9	1	0.4	0.4	0.4	1	3.09	0.00	3.09	3.09	1	-0.03	-0.03	-0.03
3000.	1	1511.9	0.0	1511.9	1511.9	0	0.0	0.0	0.0	1	2.72	0.00	2.72	2.72	1	-0.03	-0.03	-0.03
3000.	1	1527.9	0.0	1527.9	1527.9	0	0.0	0.0	0.0	1	2.38	0.00	2.38	2.38	1	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	48	1525.7	3.2	1534.5	1521.3	0	0.0	0.0	0.0	52	20.77	1.41	24.22	19.01	0	0.00	0.00	0.00
10.	48	1525.7	3.2	1534.4	1521.5	48	0.2	0.9	-4.3	52	20.74	1.41	24.31	19.01	52	-0.09	0.27	-1.77
20.	48	1525.8	3.2	1534.6	1521.7	48	0.3	1.5	-3.0	52	20.71	1.41	24.40	17.02	52	-0.08	0.27	-1.37
30.	49	1525.9	3.1	1534.6	1521.8	45	0.3	3.0	-1.5	52	20.69	1.39	24.24	19.01	50	-0.09	0.67	-1.22
50.	49	1526.1	3.1	1534.7	1522.1	49	0.4	3.0	-1.8	52	20.62	1.34	23.79	18.99	52	-0.11	0.55	-0.91
75.	49	1526.2	2.9	1534.8	1522.5	48	0.2	3.0	-3.7	52	20.52	1.26	23.66	18.99	52	-0.16	0.91	-2.39
100.	49	1526.3	2.8	1535.2	1522.9	47	-0.3	1.5	-3.0	52	20.34	1.16	23.66	18.99	52	-0.33	0.09	-2.05
125.	49	1525.8	2.4	1532.5	1522.9	49	-0.5	1.5	-4.3	52	19.99	0.94	22.45	18.84	52	-0.42	-0.01	-1.77
150.	48	1525.3	2.0	1531.3	1522.5	46	-0.7	0.6	-3.8	52	19.64	0.76	21.80	18.60	50	-0.47	0.01	-1.62
200.	48	1526.3	1.2	1528.1	1522.2	47	-0.5	0.5	-2.1	51	18.95	0.44	20.29	18.21	51	-0.36	-0.01	-0.94
250.	48	1523.9	0.7	1525.9	1522.3	47	-0.2	0.2	-1.2	51	18.50	0.27	19.20	17.98	50	-0.27	-0.10	-0.62
300.	48	1523.7	0.5	1525.0	1522.4	45	-0.0	0.5	-0.4	51	18.15	0.22	18.60	17.53	50	-0.17	-0.05	-0.43
400.	44	1523.6	0.5	1524.8	1522.4	42	-0.0	0.8	-0.6	49	17.55	0.35	18.01	15.54	48	-0.21	-0.37	-1.25
500.	44	1522.4	1.1	1524.5	1520.5	42	-0.6	0.3	-1.8	48	16.63	0.55	17.38	13.91	47	-0.34	-0.05	-0.69
600.	43	1518.9	2.2	1523.2	1514.9	42	-1.4	-0.1	-3.0	47	15.03	0.75	16.44	12.73	47	-0.56	-0.17	-1.02
700.	39	1513.3	2.9	1521.4	1508.0	38	-1.7	-0.4	-3.0	43	12.93	0.90	15.42	10.91	43	-0.64	-0.27	-0.65
800.	18	1506.6	4.4	1517.2	1501.1	18	-1.6	-1.2	-2.6	71	10.58	1.19	13.68	9.23	21	-0.64	-0.45	-0.61
900.	11	1499.3	3.6	1508.9	1495.6	11	-1.8	-1.4	-3.0	15	8.41	0.97	10.89	7.41	15	-0.64	-0.43	-1.04
1000.	11	1495.1	3.2	1503.6	1491.8	11	-0.9	-0.3	-1.6	15	6.91	0.72	9.05	6.05	15	-0.38	-0.18	-0.79
1100.	11	1493.6	2.6	1500.4	1490.5	10	-0.4	-0.2	-1.0	15	6.11	0.62	7.79	5.31	15	-0.23	-0.15	-0.34
1200.	11	1492.7	2.1	1497.7	1490.0	11	-0.1	0.6	-0.8	15	5.50	0.51	6.70	4.78	15	-0.17	-0.16	-0.34
1300.	11	1492.7	1.5	1495.8	1490.2	10	0.1	0.2	-0.1	15	5.09	0.35	5.96	4.43	14	-0.11	-0.07	-0.16
1400.	11	1493.0	1.0	1494.5	1490.9	11	0.1	0.3	-0.4	15	4.74	0.30	5.52	4.20	15	-0.10	-0.03	-0.22
1500.	11	1493.6	0.9	1495.1	1491.8	11	0.2	0.3	0.1	15	4.48	0.26	5.14	4.01	15	-0.08	-0.15	-0.12
1700.	11	1495.7	0.6	1496.5	1494.6	11	0.2	0.4	0.2	15	3.99	0.18	4.48	3.68	15	-0.05	-0.03	-0.08
2000.	10	1498.5	0.3	1499.0	1498.0	10	0.4	0.6	0.3	13	3.62	0.07	3.72	3.49	13	-0.03	-0.02	-0.05
2500.	9	1505.0	0.3	1505.4	1504.5	9	0.4	0.6	0.4	12	3.14	0.06	3.21	3.02	12	-0.03	-0.02	-0.01
3000.	8	1512.0	0.2	1512.3	1511.6	8	0.4	0.4	0.4	10	2.76	0.06	2.83	2.66	10	-0.02	-0.02	-0.01
4000.	7	1527.7	0.0	1527.9	1527.5	7	0.5	0.5	0.5	9	2.36	0.04	2.42	2.29	9	-0.01	-0.01	-0.01
5000.	3	1544.8	0.1	1544.9	1544.7	3	0.5	0.5	0.5	4	2.19	0.03	2.23	2.15	4	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 3

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	23.60	23.60	0	0.00	0.00	0.00		
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	23.68	0.00	23.68	23.68	1	0.24	0.24	0.24		
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	23.74	0.00	23.74	23.74	1	0.18	0.18	0.18		
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	23.76	0.00	23.76	23.76	1	0.00	0.00	0.00		
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	23.75	0.00	23.75	23.75	1	-0.30	-0.30	-0.30		
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	23.37	0.00	23.37	23.37	1	-0.46	-0.46	-0.46		
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	22.62	0.00	22.62	22.62	1	-1.64	-1.64	-1.64		
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	21.33	0.00	21.33	21.33	1	-1.57	-1.57	-1.57		
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	20.32	0.00	20.32	20.32	1	-0.91	-0.91	-0.91		
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	19.09	0.00	19.09	19.09	1	-0.30	-0.30	-0.30		
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.62	0.00	18.62	18.62	1	-0.29	-0.29	-0.29		
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.22	0.00	18.22	18.22	1	-0.15	-0.15	-0.15		
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.54	0.00	17.54	17.54	1	-0.25	-0.25	-0.25		
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	16.38	0.00	16.38	16.38	1	-0.42	-0.42	-0.42		
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	14.72	0.00	14.72	14.72	1	-0.61	-0.61	-0.61		
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.48	0.00	12.48	12.48	1	-0.88	-0.88	-0.88		
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.03	0.00	10.03	10.03	1	-0.61	-0.61	-0.61		
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	8.21	0.00	8.21	8.21	1	-0.55	-0.55	-0.55		
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	6.69	0.00	6.69	6.69	1	-0.46	-0.46	-0.46		
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.81	0.00	5.81	5.81	1	-0.27	-0.27	-0.27		
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.29	0.00	5.29	5.29	1	-0.30	-0.30	-0.30		
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.83	0.00	4.83	4.83	1	-0.14	-0.14	-0.14		
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.45	0.00	4.45	4.45	1	-0.10	-0.10	-0.10		
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.17	0.00	4.17	4.17	1	-0.09	-0.09	-0.09		
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.79	0.00	3.79	3.79	1	-0.03	-0.03	-0.03		
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.55	0.00	3.55	3.55	1	-0.04	-0.04	-0.04		
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.11	0.00	3.11	3.11	1	-0.03	-0.03	-0.03		

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1526.8	1.0	1531.6	1524.5	0	0.0	0.0	10	21.07	1.21	23.85	20.12	0	0.00	0.00	0.00
10.	7	1526.8	1.1	1531.8	1524.3	7	0.0	-0.9	10	22.02	1.24	23.85	19.99	10	-0.15	0.03	-0.61
20.	7	1526.8	1.2	1532.0	1524.1	6	-0.0	-0.9	10	21.96	1.27	23.82	19.86	9	-0.19	-0.03	-0.55
30.	7	1526.8	1.3	1532.1	1523.9	7	-0.1	-0.9	10	21.90	1.30	23.76	19.75	10	-0.20	0.03	-0.55
40.	7	1526.7	1.4	1532.4	1523.7	7	-0.1	-0.9	10	21.72	1.31	23.53	19.58	10	-0.49	-0.08	-1.12
50.	7	1526.5	1.5	1532.8	1523.6	7	-0.3	-1.6	10	21.34	1.24	22.84	19.39	10	-0.48	-0.03	-1.27
60.	7	1526.2	1.6	1533.0	1523.6	7	-0.1	-1.3	10	20.97	1.19	22.76	19.23	8	-0.27	-0.08	-0.67
70.	7	1526.0	1.7	1533.1	1523.5	7	-0.3	-1.1	10	20.62	1.17	22.63	19.06	10	-0.43	-0.13	-0.95
80.	7	1525.9	1.8	1533.1	1523.4	7	-0.9	-2.2	10	19.31	1.07	22.00	18.90	10	-0.56	-0.18	-0.91
90.	7	1525.7	1.9	1529.2	1523.2	7	-1.0	-2.5	10	18.31	0.75	20.69	18.46	10	-0.52	-0.18	-1.10
100.	7	1524.7	1.3	1527.1	1523.0	7	-0.7	-1.8	10	18.66	0.44	19.63	18.20	10	-0.36	-0.13	-0.82
110.	7	1524.2	0.8	1525.5	1522.8	6	-0.3	-0.9	10	18.26	0.26	18.79	17.86	10	-0.22	-0.04	-0.57
120.	7	1524.1	0.8	1524.7	1522.3	7	0.1	0.0	10	17.65	0.29	17.35	17.14	10	-0.20	-0.11	-0.51
130.	7	1522.4	1.9	1524.3	1519.1	7	-0.6	-1.0	10	16.52	0.60	17.31	15.66	10	-0.37	-0.20	-0.54
140.	7	1518.6	2.2	1521.1	1514.7	7	-1.9	-3.0	10	14.87	0.61	15.41	13.90	10	-0.59	-0.41	-0.76
150.	7	1513.5	3.2	1516.9	1508.0	7	-1.7	-1.4	10	12.86	0.83	14.05	11.57	10	-0.65	-0.56	-0.77
160.	7	1507.7	3.6	1512.1	1502.1	7	-1.7	-1.5	10	10.78	0.89	12.22	9.51	10	-0.62	-0.53	-0.57
170.	7	1502.7	3.8	1507.4	1497.3	7	-1.7	-1.4	10	9.94	0.81	10.48	7.85	10	-0.55	-0.44	-0.67
180.	7	1498.0	3.0	1503.2	1494.3	7	-1.2	-2.3	10	7.45	0.68	8.73	6.67	10	-0.43	-0.30	-0.72
190.	7	1493.4	2.1	1499.5	1492.7	7	-0.7	-0.4	10	6.42	0.49	7.57	5.84	10	-0.29	-0.16	-0.41
200.	7	1494.1	1.3	1496.7	1492.3	6	-0.1	0.1	10	5.68	0.32	6.42	5.29	9	-0.14	-0.10	-0.21
210.	7	1493.7	0.6	1494.4	1492.7	7	-0.1	0.1	10	5.23	0.16	5.46	4.93	10	-0.13	-0.07	-0.29
220.	7	1493.7	0.6	1494.5	1492.9	7	0.0	0.2	10	4.86	0.13	5.07	4.69	10	-0.11	-0.07	-0.23
230.	7	1494.2	0.6	1495.0	1493.1	7	0.2	0.1	10	4.57	0.13	4.77	4.33	10	-0.08	-0.07	-0.09
240.	7	1498.1	0.6	1499.2	1498.0	7	0.3	0.4	10	4.02	0.11	4.16	3.86	10	-0.06	-0.04	-0.07
250.	6	1505.2	0.2	1505.5	1504.9	6	0.4	0.4	9	3.66	0.09	3.76	3.49	10	-0.04	-0.02	-0.05
260.	4	1512.1	0.2	1512.4	1511.9	4	0.4	0.4	7	2.80	0.06	3.26	3.10	9	-0.03	-0.03	-0.03
270.	2	1527.8	0.1	1527.9	1527.7	2	0.5	0.5	4	2.37	0.02	2.40	2.35	4	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1531.6	0.8	1532.3	1530.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	4	1531.8	0.8	1532.5	1530.7	4	0.5	0.6	0.3	0.3	4	-0.02	0.13	-0.12
20.	4	1531.6	1.4	1532.6	1529.6	4	-0.6	-3.4	-3.4	-3.4	4	-0.54	-0.10	-1.74
30.	4	1531.1	2.4	1532.5	1527.5	4	-1.8	0.6	-7.6	-7.6	4	-0.84	-0.03	-3.15
40.	4	1530.2	4.3	1532.6	1523.7	4	-1.0	0.8	-3.0	-3.0	4	-0.63	-0.08	-1.52
75.	4	1529.2	5.1	1532.9	1521.8	4	-0.9	3.3	-3.0	-3.0	4	-0.58	-0.30	-1.27
100.	4	1528.4	4.7	1532.4	1521.5	4	-1.2	0.4	-2.4	-2.4	4	-0.68	-0.15	-1.15
125.	4	1527.5	4.1	1530.8	1521.5	4	-1.0	0.4	-2.0	-2.0	4	-0.57	-0.16	-0.93
150.	4	1527.2	3.9	1530.2	1521.5	4	-0.2	0.1	-0.6	-0.6	4	-0.21	-0.20	-0.30
170.	4	1526.3	3.4	1525.7	1521.5	4	-0.8	0.3	-1.4	-1.4	4	-0.47	-0.20	-0.75
200.	4	1525.3	3.0	1524.0	1521.6	4	-0.7	0.4	-1.2	-1.2	4	-0.36	-0.34	-0.63
300	4	1524.6	2.2	1527.4	1522.0	4	-0.4	0.2	-1.2	-1.2	4	-0.32	-0.14	-0.64
400.	4	1524.0	1.6	1525.4	1521.7	4	0.0	0.1	-0.1	-0.1	4	-0.17	-0.13	-0.24
500.	4	1522.7	2.1	1524.2	1519.6	4	-0.6	-0.3	-1.2	-1.2	4	-0.36	-0.28	-0.55
600.	4	1519.0	3.1	1522.1	1516.9	4	-1.5	0.6	-2.0	-2.0	4	-0.57	-0.34	-0.71
700.	4	1514.1	3.6	1518.0	1509.3	4	-1.6	-1.2	-1.7	-1.7	4	-0.61	-0.53	-0.54
800.	4	1507.6	3.3	1510.6	1502.9	4	-2.4	-2.0	-2.8	-2.8	4	-0.80	-0.69	-0.69
900.	4	1501.4	3.3	1505.1	1497.3	4	-1.6	-1.0	-1.9	-1.9	4	-0.56	-0.41	-0.65
1000.	4	1497.7	2.9	1500.9	1493.9	4	-0.9	-0.9	-1.0	-1.0	4	-0.38	-0.37	-0.47
1100.	4	1495.1	2.5	1498.0	1491.8	4	-0.8	-0.6	-0.9	-0.9	4	-0.32	-0.28	-0.35
1200.	4	1493.4	1.9	1495.7	1491.2	4	-0.5	-0.2	-0.7	-0.7	4	-0.25	-0.16	-0.30
1300.	4	1493.0	1.6	1494.7	1491.3	4	0.1	0.5	-0.2	-0.2	4	-0.13	-0.10	-0.17
1400.	4	1493.1	1.1	1494.3	1491.9	4	0.0	0.2	-0.1	-0.1	4	-0.11	-0.07	-0.15
1500.	4	1493.5	0.8	1494.3	1492.8	4	0.1	0.3	0.1	0.1	4	-0.09	-0.04	-0.13
1750.	4	1495.7	0.2	1495.9	1495.5	4	0.3	0.4	0.2	0.2	4	-0.05	-0.04	-0.07
2000.	4	1498.6	0.3	1499.0	1498.4	4	0.4	0.4	0.4	0.4	4	-0.03	-0.03	-0.03
2500.	4	1505.0	0.4	1505.5	1504.5	4	0.4	0.4	0.4	0.4	4	-0.03	-0.03	-0.03
3000.	4	1512.1	0.3	1512.3	1511.6	4	0.4	0.5	0.4	0.4	4	-0.02	-0.01	-0.01
4000.	2	1527.8	0.3	1528.0	1527.6	2	0.5	0.5	0.5	0.5	2	-0.01	-0.00	-0.01
5000.	1	1544.7	0.0	1544.7	1544.7	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1539.4	1.0	1540.2	1538.3	0	0.0	0.0	0.0	5	26.42	0.49	27.08	25.74	0	0.00	0.00	0.00
10.	3	1537.6	1.2	1538.3	1536.3	3	-6.0	-4.7	-6.8	5	25.66	0.63	26.52	24.79	5	-2.57	-1.90	-3.22
20.	3	1535.8	1.4	1536.8	1534.2	3	-5.6	-4.6	-6.4	5	24.87	0.76	25.93	23.84	5	-2.41	-1.80	-2.90
30.	3	1534.1	1.6	1535.4	1532.3	3	-5.3	-4.3	-5.8	5	24.13	0.88	25.38	22.99	5	-2.24	-1.68	-2.59
50.	3	1531.1	1.8	1532.8	1529.2	3	-1.0	-1.5	-1.5	5	22.87	1.04	24.39	21.61	5	-1.22	-1.07	-1.37
75.	3	1528.9	1.9	1530.6	1526.9	3	-2.6	-2.4	-2.8	5	21.89	1.02	23.40	20.62	5	-1.19	-1.07	-1.26
100.	3	1527.1	1.7	1528.6	1525.3	1	0.0	0.0	0.0	5	21.05	0.98	22.54	19.86	2	-0.69	-0.46	-0.91
125.	3	1525.9	1.1	1527.0	1524.8	3	-1.5	-0.6	-2.0	5	20.39	0.87	21.83	19.52	5	-0.80	-0.41	-0.96
150.	3	1524.9	0.7	1525.6	1524.3	3	-1.3	-0.6	-1.7	5	19.82	0.81	21.22	19.20	5	-0.84	-0.39	-0.84
200.	3	1523.4	0.3	1523.7	1523.2	3	-0.5	-0.4	-0.6	5	18.95	0.69	20.17	18.54	5	-0.67	-0.26	-0.85
250.	3	1522.9	0.4	1523.3	1522.5	3	-0.3	-0.2	-0.5	5	18.36	0.39	19.02	18.04	5	-0.36	-0.24	-0.73
300.	3	1522.8	0.6	1523.3	1522.1	3	0.5	0.6	0.4	5	17.97	0.25	18.32	17.63	5	-0.05	-0.03	-0.39
400.	3	1522.4	1.0	1523.5	1521.6	3	-0.5	-0.6	-0.8	5	17.33	0.27	17.61	16.98	5	-0.42	-0.20	-0.42
500.	3	1519.9	1.2	1521.1	1518.8	2	-0.8	-0.3	-1.4	5	15.98	0.27	16.30	15.59	5	-0.46	-0.25	-0.61
600.	3	1515.6	1.1	1516.4	1514.3	3	-1.7	-1.5	-2.0	5	14.19	0.25	14.39	13.76	5	-0.64	-0.60	-0.71
700.	3	1509.6	1.7	1511.0	1507.8	2	-1.8	-1.4	-2.2	5	12.02	0.37	12.36	11.49	5	-0.69	-0.54	-0.83
800.	3	1503.2	1.9	1504.8	1501.1	2	-2.1	-1.9	-2.4	5	9.81	0.41	10.24	9.25	5	-0.57	0.21	-1.07
900.	3	1497.7	1.3	1498.7	1496.2	3	-1.5	-1.4	-1.7	5	7.74	0.40	8.20	7.22	5	-0.60	-0.47	-0.87
1000.	3	1494.3	1.1	1495.4	1493.2	3	-0.6	-0.4	-0.6	5	6.43	0.45	6.92	5.73	5	-0.24	-0.12	-0.28
1100.	3	1493.1	1.1	1494.1	1491.9	3	-0.4	-0.4	-0.4	5	5.76	0.32	6.19	5.37	5	-0.20	-0.11	-0.24
1200.	3	1492.7	0.7	1493.3	1491.9	2	0.1	0.1	0.1	5	5.30	0.21	5.58	5.11	4	-0.09	-0.04	-0.13
1300.	3	1492.8	0.3	1493.0	1492.4	3	0.0	0.2	-0.1	5	4.98	0.13	5.09	4.77	5	-0.10	-0.04	-0.15
1400.	3	1493.2	0.2	1493.4	1493.0	2	0.1	0.2	0.1	5	4.72	0.12	4.86	4.54	4	-0.08	-0.05	-0.09
1500.	3	1493.9	0.2	1494.1	1493.7	3	0.2	0.2	0.2	5	4.50	0.13	4.71	4.35	5	-0.07	-0.05	-0.08
1750.	3	1496.0	0.2	1496.1	1495.8	3	0.3	0.5	0.3	5	4.01	0.16	4.26	3.81	5	-0.04	-0.03	-0.06
2000.	3	1498.7	0.2	1498.9	1498.5	2	0.4	0.4	0.3	5	3.64	0.08	3.76	3.54	5	-0.04	-0.03	-0.06
2500.	3	1505.1	0.2	1505.3	1504.9	3	0.4	0.4	0.4	5	3.14	0.04	3.18	3.08	5	-0.03	-0.02	-0.03
3000.	2	1512.0	0.1	1512.1	1511.9	2	0.4	0.4	0.4	5	2.77	0.04	2.81	2.72	5	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1542.7	0.0	1542.7	1542.7	0	0.0	0.0	0.0	1	27.72	0.00	27.72	27.72	0	0.00	0.00	0.00
10.	1	1541.9	0.0	1541.9	1541.9	1	-2.4	-2.4	-2.4	1	27.27	0.00	27.27	27.27	1	-1.37	-1.37	-1.37
20.	1	1541.0	0.0	1541.0	1541.0	1	-2.7	-2.7	-2.7	1	26.78	0.00	26.78	26.78	1	-1.49	-1.49	-1.49
30.	1	1539.7	0.0	1539.7	1539.7	1	-4.0	-4.0	-4.0	1	26.08	0.00	26.08	26.08	1	-2.13	-2.13	-2.13
50.	1	1537.7	0.0	1537.7	1537.7	1	-3.0	-3.0	-3.0	1	25.07	0.00	25.07	25.07	1	-1.54	-1.54	-1.54
75.	1	1536.9	0.0	1536.9	1536.9	1	-1.0	-1.0	-1.0	1	24.55	0.00	24.55	24.55	1	-0.63	-0.63	-0.63
100.	1	1535.9	0.0	1535.9	1535.9	1	-1.3	-1.3	-1.3	1	23.93	0.00	23.93	23.93	1	-0.76	-0.76	-0.76
125.	1	1534.8	0.0	1534.8	1534.8	1	-1.3	-1.3	-1.3	1	23.33	0.00	23.33	23.33	1	-0.72	-0.72	-0.72
150.	1	1533.2	0.0	1533.2	1533.2	1	-2.0	-2.0	-2.0	1	22.54	0.00	22.54	22.54	1	-0.96	-0.96	-0.96
200.	1	1528.2	0.0	1528.2	1528.2	1	-3.1	-3.1	-3.1	1	20.34	0.00	20.34	20.34	1	-1.35	-1.35	-1.35
250.	1	1526.1	0.0	1526.1	1526.1	1	-1.3	-1.3	-1.3	1	19.27	0.00	19.27	19.27	1	-0.64	-0.64	-0.64
300.	1	1524.7	0.0	1524.7	1524.7	1	-0.9	-0.9	-0.9	1	18.50	0.00	18.50	18.50	1	-0.47	-0.47	-0.47
400.	1	1524.2	0.0	1524.2	1524.2	1	-0.1	-0.1	-0.1	1	17.80	0.00	17.80	17.80	1	-0.21	-0.21	-0.21
500.	1	1523.1	0.0	1523.1	1523.1	1	-0.3	-0.3	-0.3	1	16.92	0.00	16.92	16.92	1	-0.27	-0.27	-0.27
600.	1	1518.7	0.0	1518.7	1518.7	1	-1.3	-1.3	-1.3	1	15.06	0.00	15.06	15.06	1	-0.57	-0.57	-0.57
700.	1	1512.7	0.0	1512.7	1512.7	1	-1.8	-1.8	-1.8	1	12.85	0.00	12.85	12.85	1	-0.68	-0.68	-0.68
800.	1	1506.6	0.0	1506.6	1506.6	1	-1.9	-1.9	-1.9	1	10.73	0.00	10.73	10.73	1	-0.65	-0.65	-0.65
900.	1	1500.0	0.0	1500.0	1500.0	1	-2.1	-2.1	-2.1	1	8.51	0.00	8.51	8.51	1	-0.68	-0.68	-0.68
1000.	1	1495.0	0.0	1495.0	1495.0	1	-1.5	-1.5	-1.5	1	6.83	0.00	6.83	6.83	1	-0.51	-0.51	-0.51
1100.	1	1492.3	0.0	1492.3	1492.3	1	-0.7	-0.7	-0.7	1	5.74	0.00	5.74	5.74	1	-0.32	-0.32	-0.32
1200.	1	1491.7	0.0	1491.7	1491.7	1	-0.1	-0.1	-0.1	1	5.20	0.00	5.20	5.20	1	-0.15	-0.15	-0.15
1300.	1	1491.3	0.0	1491.3	1491.3	1	-0.1	-0.1	-0.1	1	4.70	0.00	4.70	4.70	1	-0.15	-0.15	-0.15
1400.	1	1492.0	0.0	1492.0	1492.0	1	0.2	0.2	0.2	1	4.45	0.00	4.45	4.45	1	-0.07	-0.07	-0.07
1500.	1	1492.8	0.0	1492.8	1492.8	1	0.2	0.2	0.2	1	4.25	0.00	4.25	4.25	1	-0.06	-0.06	-0.06
1750.	1	1495.4	0.0	1495.4	1495.4	1	0.3	0.3	0.3	1	3.86	0.00	3.86	3.86	1	-0.05	-0.05	-0.05
2000.	1	1498.2	0.0	1498.2	1498.2	1	0.3	0.3	0.3	1	3.53	0.00	3.53	3.53	1	-0.04	-0.04	-0.04
2500.	1	1504.7	0.0	1504.7	1504.7	1	0.4	0.4	0.4	1	3.07	0.00	3.07	3.07	1	-0.03	-0.03	-0.03
3000.	1	1511.8	0.0	1511.8	1511.8	0	0.0	0.0	0.0	1	2.71	0.00	2.71	2.71	0	0.00	0.00	0.00
4000.	1	1527.5	0.0	1527.5	1527.5	1	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31	1	-0.01	-0.01	-0.01
5000.	1	1544.9	0.0	1544.9	1544.9	1	0.5	0.5	0.5	1	2.24	0.00	2.24	2.24	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1542.9	1.2	1544.8	1541.3	0	0.0	0.0	0.0	6	27.73	0.57	28.60	26.94	0	0.00	0.00	0.00
10.	6	1543.0	1.2	1545.0	1541.4	6	0.4	0.6	0.3	6	27.74	0.57	28.59	26.94	6	0.01	0.03	0.03
20.	6	1543.2	1.2	1545.1	1541.6	5	0.2	0.7	0.3	6	27.73	0.58	28.59	26.93	6	-0.11	-0.03	-0.46
30.	6	1543.0	1.1	1545.0	1541.7	6	-3.9	0.3	-12.2	6	27.57	0.54	28.47	26.92	6	-2.04	-0.03	-5.79
50.	6	1537.6	2.2	1542.0	1535.9	6	-10.8	-7.1	-17.9	6	25.07	0.95	26.92	24.34	6	-4.85	-3.45	-7.85
75.	6	1533.2	3.1	1539.0	1530.4	6	-3.0	-1.2	-4.3	6	23.08	1.24	25.42	21.99	6	-1.52	-0.71	-1.94
100.	6	1530.0	3.3	1536.6	1527.4	6	-3.5	-3.0	-3.8	6	21.67	1.29	24.22	20.70	6	-1.58	-1.31	-1.98
125.	6	1527.7	2.9	1533.5	1525.4	6	-2.7	-1.7	-3.8	6	20.63	1.09	22.80	19.80	6	-1.20	-0.75	-1.73
150.	6	1526.2	2.5	1531.2	1524.4	6	-1.8	-0.9	-3.0	6	19.91	0.90	21.71	19.27	6	-0.73	-0.44	-1.12
200.	6	1524.6	1.8	1528.1	1523.2	6	-0.7	-0.4	-1.3	6	19.04	0.61	20.24	18.55	6	-0.45	-0.30	-0.69
250.	6	1523.9	1.1	1526.1	1523.0	6	-0.4	0.1	-1.2	6	18.49	0.37	19.23	18.21	6	-0.31	-0.12	-0.62
300.	6	1523.5	0.5	1524.4	1523.1	6	-0.1	0.2	-0.9	6	18.09	0.15	18.39	17.99	6	-0.18	-0.11	-0.47
400.	6	1523.2	0.7	1523.6	1521.7	6	-0.0	0.1	-0.7	6	17.46	0.23	17.61	16.99	6	-0.17	-0.10	-0.39
500.	6	1520.8	1.6	1522.6	1517.9	6	-1.0	-0.3	-1.7	6	16.21	0.50	16.76	15.33	6	-0.48	-0.26	-0.71
600.	6	1515.6	2.3	1518.2	1512.8	6	-1.8	-1.2	-2.6	6	14.17	0.67	14.92	13.34	6	-0.67	-0.52	-0.91
700.	6	1508.8	2.7	1512.9	1506.0	6	-2.2	-1.6	-2.5	6	11.76	0.76	12.90	11.00	6	-0.77	-0.62	-0.85
800.	6	1502.3	2.8	1506.9	1499.6	6	-2.0	-1.9	-2.2	6	9.56	0.75	10.79	8.85	6	-0.69	-0.65	-0.71
900.	6	1497.2	2.5	1501.1	1495.1	6	-1.3	-0.9	-1.8	6	7.81	0.64	8.82	7.27	6	-0.48	-0.37	-0.60
1000.	6	1493.9	2.1	1497.0	1491.9	6	-0.8	-0.1	-1.2	6	6.57	0.52	7.34	6.08	6	-0.33	-0.16	-0.41
1100.	6	1492.3	1.7	1494.4	1490.4	6	-0.4	-0.1	-0.8	6	5.75	0.42	6.25	5.28	6	-0.23	-0.16	-0.33
1200.	6	1491.9	1.4	1493.5	1490.1	6	-0.1	-0.1	-0.2	6	5.24	0.35	5.64	4.80	6	-0.14	-0.12	-0.18
1300.	5	1491.9	1.5	1493.7	1490.2	5	0.1	0.1	-0.1	5	4.84	0.36	5.26	4.41	5	-0.11	-0.10	-0.14
1400.	5	1492.3	1.3	1494.0	1490.7	5	0.2	0.3	0.1	5	4.53	0.32	4.93	4.12	5	-0.09	-0.06	-0.12
1500.	5	1493.0	1.2	1494.6	1491.5	5	0.2	0.2	0.1	5	4.29	0.28	4.66	3.93	5	-0.07	-0.06	-0.09
1750.	3	1495.5	0.9	1496.4	1494.7	3	0.2	0.3	0.2	3	3.89	0.20	4.11	3.72	3	-0.05	-0.03	-0.07
2000.	3	1498.2	0.5	1498.8	1497.9	3	0.4	0.4	0.3	3	3.54	0.12	3.68	3.47	3	-0.04	-0.03	-0.05
2500.	3	1504.7	0.3	1504.9	1504.3	3	0.4	0.5	0.4	3	3.06	0.08	3.11	2.97	3	-0.02	-0.01	-0.03
3000.	3	1512.0	0.4	1512.5	1511.7	3	0.5	0.5	0.5	3	2.75	0.10	2.87	2.68	3	-0.02	-0.01	-0.02
4000.	2	1527.9	0.5	1528.2	1527.5	2	0.5	0.5	0.5	3	2.36	0.10	2.46	2.27	3	-0.01	-0.01	-0.01
5000.	0	0.0	C-0	0.0	0.0	0	0.0	0.0	0.0	2	2.13	0.01	2.14	2.12	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	25.57	0.76	26.40	24.90	
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	25.55	0.73	26.36	24.96	
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	25.52	0.69	26.31	25.02	
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	25.50	0.67	26.27	25.08	
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	24.40	0.57	25.05	23.95	
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	21.74	0.40	22.00	21.28	
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	20.47	0.54	20.90	19.87	
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	19.80	0.34	20.07	19.42	
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	19.25	0.21	19.43	19.02	
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	18.65	0.26	18.93	18.43	
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	18.18	0.22	18.43	18.01	
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	17.79	0.16	17.98	17.67	
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	17.39	0.10	17.50	17.33	
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	16.28	0.42	16.73	15.91	
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	14.59	0.80	15.44	13.85	
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	12.40	0.65	13.12	11.85	
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	9.98	0.51	10.56	9.62	
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	8.01	0.34	8.39	7.74	
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	6.55	0.21	6.79	6.39	
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	5.70	0.22	5.91	5.48	
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	5.22	0.16	5.38	5.07	
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	4.85	0.15	4.99	4.70	
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	4.57	0.08	4.63	4.48	
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	3	4.29	0.30	4.50	4.07	
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	3.96	0.21	4.11	3.81	
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	3.64	0.00	3.64	3.64	

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 79 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	25.62	1.19	27.10	24.30	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	25.62	1.22	27.13	24.37	5	0.00	0.27	-0.64
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	25.62	1.25	27.17	24.45	5	0.01	0.24	-0.61
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	25.62	1.30	27.20	24.52	5	0.00	0.27	-0.64
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	25.24	1.31	27.15	24.08	5	-3.35	-2.54	-4.01
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	22.83	1.25	24.73	21.54	5	-2.94	-2.27	-3.45
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	21.19	1.17	22.82	19.84	5	-0.95	-0.53	-1.37
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	20.47	0.92	21.78	19.40	5	-0.88	-0.54	-1.27
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	19.84	0.71	20.86	19.00	5	-0.77	-0.49	-1.12
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	18.91	0.42	19.44	18.33	5	-0.36	-0.25	-0.51
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	18.37	0.33	18.64	17.83	5	-0.33	-0.24	-0.49
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	17.95	0.26	18.18	17.50	5	-0.19	-0.08	-0.26
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	17.34	0.25	17.63	16.95	5	-0.14	-0.05	-0.23
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	16.44	0.51	17.12	15.73	5	-0.35	-0.19	-0.50
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	14.79	0.84	15.97	13.73	5	-0.65	-0.35	-0.81
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	12.48	0.94	13.91	11.38	5	-0.72	-0.53	-0.85
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	10.18	0.86	11.42	9.17	5	-0.73	-0.61	-0.84
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	7.77	0.37	8.26	7.38	5	-1.17	-0.49	-3.47
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	6.66	0.38	7.10	6.24	5	-0.38	-0.12	-0.57
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	5.68	0.15	5.92	5.49	5	-0.24	-0.15	-0.33
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	5.16	0.10	5.30	5.03	5	-0.14	-0.11	-0.16
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	4.81	0.09	4.95	4.71	5	-0.09	-0.06	-0.11
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	4.58	0.10	4.73	4.48	5	-0.07	-0.05	-0.04
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	4.32	0.10	4.43	4.20	5	-0.09	-0.07	-0.13
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	3.82	0.12	3.96	3.69	5	-0.04	-0.02	-0.08
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	3.58	0.03	3.60	3.53	5	-0.03	-0.02	-0.04
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2	3.08	0.02	3.09	3.06	2	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.71	0.00	2.71	2.71	1	-0.02	-0.02	-0.02
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.43	0.00	2.43	2.43	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 8C FOR MONTH 1

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	4	1535.4	1.4	1537.2	1534.2	0	0.0	0.0	0.0	4	24.65	0.75	25.31	23.96	0	0.00	0.00	0.00		
10.	4	1535.6	1.5	1537.4	1534.3	4	0.6	1.2	0.3	4	24.65	0.78	25.32	23.94	4	-0.02	0.06	-0.09		
20.	4	1535.7	1.4	1537.3	1534.5	4	0.5	1.2	-0.3	4	24.62	0.76	25.34	23.93	4	-0.08	0.06	-0.30		
30.	4	1535.9	1.5	1537.5	1534.6	4	0.6	1.2	0.3	4	24.62	0.78	25.36	23.91	4	-0.02	0.06	-0.06		
50.	4	1536.3	1.6	1537.8	1534.8	4	0.5	1.1	0.3	4	24.61	0.81	25.40	23.88	4	-0.02	0.06	-0.05		
75.	4	1536.7	1.8	1538.5	1535.1	4	0.5	1.1	0.1	4	24.56	0.81	25.44	23.83	4	-0.05	0.05	-0.18		
100.	4	1536.4	0.9	1537.2	1535.4	4	-0.8	0.6	-3.0	4	24.21	0.40	24.59	23.79	4	-0.59	0.01	-1.66		
125.	4	1534.0	1.3	1535.5	1532.7	4	-2.9	-2.0	-3.3	4	23.02	0.52	23.59	22.50	4	-1.45	-1.13	-1.57		
150.	4	1531.7	1.5	1533.5	1530.2	4	-2.8	-2.4	-3.0	4	21.94	0.54	22.58	21.38	4	-1.32	-1.23	-1.40		
200.	4	1527.3	1.0	1528.3	1526.3	4	-3.0	-2.4	-3.5	4	19.96	0.37	20.34	19.62	4	-1.27	-1.07	-1.48		
250.	3	1524.9	0.3	1525.2	1524.6	3	-1.6	-0.9	-2.0	3	18.84	0.10	18.95	18.76	3	-0.74	-0.50	-0.88		
300.	3	1523.6	0.2	1523.8	1523.4	3	-0.8	-0.6	-2.0	3	18.12	0.07	18.20	18.07	3	-0.42	-0.37	-0.46		
400.	3	1522.4	1.1	1523.4	1521.2	3	-0.2	-0.2	-0.7	3	17.20	0.33	17.51	16.85	3	-0.30	-0.21	-0.37		
500.	3	1518.9	1.2	1520.2	1518.1	3	-1.2	-0.9	-1.6	3	15.62	0.35	16.02	15.37	3	-0.52	-0.42	-0.65		
600.	3	1513.1	2.3	1515.3	1510.7	3	-2.1	-1.5	-2.4	3	13.43	0.68	14.07	12.72	3	-0.74	-0.60	-0.83		
700.	3	1506.7	2.0	1508.4	1504.5	2	-2.0	-1.9	-2.1	3	11.19	0.49	11.66	10.56	3	-0.68	-0.65	-0.73		
800.	2	1501.2	1.8	1502.5	1499.9	1	-1.6	-1.6	-1.6	2	9.28	0.49	9.63	8.93	2	-0.54	-0.53	-0.55		
900.	2	1497.3	0.7	1497.8	1496.8	1	-1.4	-1.4	-1.4	2	7.85	0.18	7.97	7.72	2	-0.53	-0.51	-0.55		
1000.	2	1493.9	0.4	1494.1	1493.6	1	-0.8	-0.8	-0.8	2	6.56	0.10	6.63	6.49	2	-0.33	-0.30	-0.36		
1100.	2	1492.0	0.4	1492.3	1491.7	2	-0.4	-0.1	-0.7	2	5.69	0.12	5.77	5.60	2	-0.23	-0.15	-0.31		
1200.	2	1491.0	0.6	1491.4	1490.5	2	-0.2	-0.4	-0.4	2	5.01	0.15	5.11	4.90	2	-0.17	-0.11	-0.23		
1300.	3	1491.0	0.2	1491.2	1490.8	3	0.0	0.1	0.1	3	4.62	0.05	4.65	4.57	3	-0.12	-0.10	-0.13		
1400.	3	1491.4	0.1	1491.5	1491.3	3	0.2	0.2	0.2	3	4.32	0.05	4.37	4.29	3	-0.07	-0.06	-0.09		
1500.	3	1492.1	0.1	1492.2	1492.1	3	0.4	0.5	0.2	3	4.09	0.02	4.12	4.08	3	-0.04	-0.02	-0.06		
1750.	3	1494.9	0.2	1495.1	1494.7	1	0.4	0.4	0.4	3	3.77	0.06	3.82	3.70	2	-0.02	-0.04	-0.04		
2000.	1	1498.2	0.0	1498.2	1498.2	1	0.3	0.3	0.3	1	3.54	0.00	3.54	3.54	1	-0.03	-0.03	-0.03		
2500.	1	1504.9	0.0	1504.9	1504.9	1	0.4	0.4	0.4	1	3.10	0.00	3.10	3.10	1	-0.03	-0.03	-0.03		
3000.	1	1511.8	0.0	1511.8	1511.8	1	0.4	0.4	0.4	1	2.71	0.00	2.71	2.71	1	-0.02	-0.02	-0.02		
4000.	1	1527.6	0.0	1527.6	1527.6	1	0.6	0.6	0.6	1	2.32	0.00	2.32	2.32	1	-0.00	-0.00	-0.00		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 60 FOR MONTH 2

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	8	1536.1	1.4	1538.8	1534.6	0	0.0	0.0	0.0	18	24.37	0.69	25.98	23.17	0	0.00	0.00	0.00		
10.	8	1536.0	1.1	1538.1	1534.7	8	-0.2	0.6	-2.1	18	24.34	0.61	25.59	23.17	18	-0.12	0.64	-1.19		
20.	8	1536.0	0.9	1537.4	1534.9	8	-0.2	0.6	-2.1	18	24.29	0.54	25.20	23.16	18	-0.14	0.37	-1.19		
30.	8	1535.9	0.8	1536.9	1535.0	8	-0.3	0.6	-2.1	18	24.23	0.49	25.09	23.18	18	-0.20	0.10	-1.13		
50.	8	1535.8	0.8	1537.0	1534.8	8	-0.2	0.6	-2.0	18	24.07	0.47	24.97	23.19	18	-0.25	-0.05	-1.11		
75.	8	1535.4	1.3	1537.3	1533.7	8	-0.5	0.5	-2.1	18	23.88	0.55	24.94	23.04	18	-0.25	0.30	-1.06		
100.	8	1534.6	2.2	1537.9	1532.2	7	-0.8	0.7	-2.7	18	23.42	0.76	24.86	22.41	18	-1.05	-0.10	-0.74		
125.	8	1533.1	2.5	1537.0	1530.7	6	-1.9	-1.3	-2.8	18	22.62	0.83	24.27	21.66	18	-1.14	-0.34	-2.93		
150.	8	1531.6	2.6	1535.7	1528.9	8	-1.9	-1.5	-2.7	18	21.74	0.86	23.42	20.77	18	-1.12	-0.71	-1.89		
200.	8	1528.6	2.3	1531.3	1525.8	8	-1.8	-1.2	-2.7	18	20.15	0.75	21.39	19.22	18	-0.93	-0.61	-1.24		
250.	9	1525.2	1.6	1527.4	1522.9	9	-1.6	-0.1	-3.7	19	18.94	0.48	19.70	18.10	19	-0.58	-0.06	-1.48		
300.	10	1523.6	1.4	1525.8	1520.9	9	-1.0	-0.1	-2.6	20	18.25	0.38	18.86	17.28	20	-0.57	-0.07	-1.09		
400.	0	1521.8	1.4	1523.5	1518.9	10	-0.5	0.5	-1.4	20	17.14	0.46	17.98	16.14	20	-0.36	-0.03	-1.14		
500.	8	1516.7	2.3	1520.6	1513.8	8	-1.7	-1.0	-2.6	18	15.30	0.83	17.02	13.98	18	-0.67	-0.18	-1.57		
600.	8	1510.7	2.6	1514.3	1506.7	7	-1.8	-1.6	-2.2	18	13.17	0.88	15.29	11.65	17	-0.65	-0.34	-0.77		
700.	8	1504.7	2.3	1507.8	1501.6	8	-1.8	-1.6	-2.1	18	11.06	0.79	13.00	9.84	18	-0.65	-0.54	-0.73		
800.	8	1499.3	1.7	1501.6	1496.9	7	-1.6	-1.4	-1.9	18	9.17	0.64	10.87	8.18	17	-0.57	-0.46	-0.71		
900.	7	1494.9	1.3	1496.3	1492.6	7	-1.3	-0.9	-1.9	17	7.64	0.52	8.92	6.68	17	-0.44	-0.22	-0.62		
1000.	7	1491.9	1.3	1493.6	1489.8	7	-0.9	-0.7	-1.3	17	6.48	0.44	7.27	5.58	16	-0.34	-0.14	-0.51		
1100.	7	1490.6	0.7	1491.8	1489.6	7	-0.4	-0.1	-0.6	17	5.71	0.37	6.47	5.12	15	-0.21	-0.14	-0.28		
1200.	7	1490.2	0.4	1490.7	1489.7	7	-0.1	0.1	-0.3	17	5.14	0.33	5.84	4.71	17	-0.17	-0.10	-0.22		
1300.	4	1490.4	0.3	1490.7	1490.1	4	0.1	0.2	-0.1	14	4.76	0.28	5.46	4.41	13	-0.13	-0.08	-0.20		
1400.	4	1491.0	0.3	1491.4	1490.6	4	0.2	0.2	0.1	14	4.45	0.25	5.10	4.15	14	-0.09	-0.05	-0.17		
1500.	4	1491.9	0.4	1492.2	1491.4	4	0.3	0.4	0.2	14	4.23	0.21	4.77	3.93	14	-0.06	-0.03	-0.10		
1750.	3	1494.7	0.2	1494.9	1494.6	3	0.4	0.4	0.3	12	3.85	0.13	4.09	3.68	12	-0.05	-0.02	-0.08		
2000.	3	1498.0	0.2	1498.2	1497.8	3	0.4	0.4	0.4	12	3.58	0.08	3.72	3.44	11	-0.03	-0.02	-0.03		
2500.	2	1505.6	0.2	1505.7	1505.4	2	0.5	0.5	0.5	11	3.19	0.11	3.36	3.02	11	-0.02	-0.01	-0.03		
3000.	1	1512.6	0.0	1512.6	1512.6	1	0.4	0.4	0.4	10	2.79	0.10	2.97	2.65	10	-0.02	-0.01	-0.03		
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	9	2.38	0.06	2.51	2.31	9	-0.00	0.00	-0.01		
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	2.30	0.07	2.35	2.22	3	-0.00	0.00	-0.01		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1535.4	1.4	1538.5	1534.2	0	0.0	0.0	0.0	9	24.55	0.62	26.04	23.95	0	0.00	0.00	0.00
10.	7	1535.2	1.3	1537.9	1534.0	7	-0.4	-0.3	-1.8	9	24.40	0.56	25.67	23.81	9	-0.42	-0.03	-1.13
20.	7	1535.0	1.1	1537.3	1533.8	7	0.0	3.0	-1.8	9	24.28	0.50	25.33	23.67	9	-0.33	-0.03	-1.04
30.	7	1535.0	1.0	1536.9	1533.6	7	-0.3	-0.3	-1.2	9	24.17	0.45	25.04	23.52	9	-0.39	-0.03	-0.88
50.	8	1534.8	0.8	1536.2	1533.3	7	-0.3	-0.2	-1.1	9	23.95	0.43	24.58	23.24	9	-0.31	-0.18	-0.70
75.	8	1534.7	0.9	1536.3	1532.8	7	-0.2	0.1	-0.6	9	23.75	0.45	24.43	22.90	9	2.67	26.31	-0.41
100.	8	1534.5	0.9	1535.6	1532.4	8	-0.8	-0.1	-3.0	9	23.47	0.41	23.96	22.57	9	-0.62	-0.10	-1.68
125.	8	1533.2	1.2	1534.8	1531.5	8	-1.6	-0.2	-3.9	9	22.70	0.46	23.33	22.03	9	-0.94	-0.29	-1.83
150.	8	1531.6	1.7	1533.5	1528.9	8	-2.6	-1.0	-3.8	9	21.88	0.65	22.65	20.89	9	-1.18	-0.60	-1.52
200.	8	1528.2	2.0	1530.8	1525.1	8	-1.5	-0.8	-3.5	9	20.26	0.70	21.28	19.18	9	-0.83	-0.30	-1.46
250.	8	1526.3	1.2	1527.8	1524.6	8	-1.0	-0.2	-2.0	9	19.26	0.47	19.88	18.60	9	-0.58	-0.26	-0.93
300.	8	1525.1	1.0	1526.3	1523.6	7	-0.3	-0.3	-2.0	9	18.54	0.43	19.06	17.85	8	-0.26	-0.12	-0.35
400.	8	1523.6	1.4	1525.5	1521.0	6	-0.6	0.2	-1.8	9	17.53	0.48	18.24	16.77	7	-0.36	-0.12	-0.67
500.	8	1520.0	3.2	1525.1	1514.8	8	-1.4	-0.1	-3.5	9	15.86	0.99	17.56	14.41	9	-0.59	-0.21	-1.14
600.	8	1514.8	5.6	1523.2	1504.8	7	-1.9	-1.0	-3.0	9	13.82	1.57	16.44	11.12	8	-0.68	-0.47	-0.94
700.	8	1508.3	6.9	1519.6	1496.1	8	-1.9	-0.9	-3.0	9	11.55	1.78	14.83	8.41	9	-0.66	-0.30	-0.91
800.	8	1502.9	7.2	1515.5	1490.0	8	-1.5	-0.5	-2.0	9	9.61	1.81	13.15	6.49	9	-0.57	-0.23	-0.74
900.	8	1498.4	6.3	1511.0	1488.9	6	-1.2	-0.3	-1.8	9	7.98	1.62	11.46	5.78	9	-0.47	-0.23	-0.59
1000.	8	1494.7	4.6	1503.9	1488.4	8	-1.1	0.2	-3.5	9	6.66	1.12	9.10	5.23	9	-0.39	-0.11	-1.06
1100.	6	1491.9	1.9	1494.3	1488.7	7	-0.8	0.2	-2.9	9	5.58	0.48	6.25	4.90	9	-0.32	-0.09	-0.87
1200.	8	1490.9	0.9	1491.7	1489.4	8	-0.0	0.3	-0.4	9	4.97	0.23	5.20	4.66	9	-0.12	-0.05	-0.22
1300.	8	1491.2	3.7	1491.8	1490.0	8	0.1	0.3	-0.1	9	4.64	0.17	4.83	4.38	9	-0.10	-0.05	-0.15
1400.	7	1491.5	0.4	1492.2	1490.8	7	0.1	0.3	-0.0	8	4.34	0.12	4.51	4.19	8	-0.08	-0.05	-0.13
1500.	7	1492.4	0.3	1492.9	1491.9	7	0.3	0.4	0.1	8	4.14	0.09	4.27	3.98	8	-0.05	-0.03	-0.13
1750.	7	1495.1	0.9	1496.9	1494.2	7	0.3	0.5	0.2	8	3.60	0.20	4.23	3.57	8	-0.04	-0.01	-0.07
2000.	7	1498.3	1.3	1501.0	1496.9	7	0.4	0.5	0.3	8	3.56	0.29	4.18	3.21	8	-0.03	-0.00	-0.04
2500.	2	1507.2	2.7	1509.1	1505.3	2	0.5	0.5	0.4	3	3.53	0.50	4.11	3.21	3	-0.01	0.01	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 60 FUR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	26	1538.3	0.7	1539.3	1536.4	0	0.0	0.0	0.0	25.90	0	0.00	0.00	0.00
10.	27	1538.1	0.8	1539.2	1536.0	26	-0.6	0.7	-6.1	25.71	28	-0.50	-0.07	-2.44
20.	27	1537.8	1.0	1539.3	1534.7	27	-0.7	1.0	-5.5	25.53	28	-0.50	0.12	-2.62
30.	28	1537.6	1.2	1539.4	1534.4	27	-0.7	1.0	-3.0	25.35	28	-0.55	0.10	-1.52
40.	28	1537.3	1.3	1539.9	1534.0	28	-0.8	0.8	-3.0	25.02	28	-0.55	0.09	-1.63
75.	28	1536.6	1.5	1538.2	1532.8	28	-0.7	0.4	-3.0	24.49	28	-0.60	-0.20	-1.60
100.	28	1535.5	1.9	1538.0	1531.5	27	-1.5	0.4	-3.0	23.83	28	-0.95	-0.23	-1.83
125.	28	1534.0	1.9	1536.6	1529.3	28	-1.9	-1.0	-3.2	23.02	28	-1.00	-0.29	-1.57
150.	28	1532.3	1.9	1535.1	1527.2	28	-2.1	-1.2	-5.1	22.16	28	-1.07	-0.68	-2.24
200.	28	1528.4	1.6	1531.0	1524.3	26	-3.0	-1.0	-13.7	20.39	28	-1.20	-0.41	-5.03
250.	28	1525.4	1.1	1527.8	1523.2	26	-1.6	-0.4	-3.9	19.04	28	-0.73	-0.18	-1.45
300.	28	1523.7	1.0	1526.3	1522.2	26	-0.6	1.0	-1.8	18.19	28	-0.76	-0.10	-10.45
400.	28	1521.3	1.7	1523.2	1517.3	28	-0.9	-0.2	-2.5	16.89	28	-0.43	-0.17	-0.96
500.	28	1516.8	2.6	1520.4	1510.5	25	-1.6	-0.7	-2.6	15.01	28	-0.66	-0.36	-0.94
600.	28	1510.9	2.6	1514.8	1504.3	26	-1.8	-1.0	-2.2	12.82	28	-0.65	-0.41	-0.78
700.	28	1505.3	2.7	1510.0	1498.8	27	-1.7	-0.8	-3.0	10.82	28	-0.61	-0.32	-0.91
800.	26	1500.3	2.2	1503.8	1494.9	23	-2.0	-0.7	-12.2	9.06	26	-0.64	-0.25	-3.20
900.	26	1496.0	2.2	1500.4	1492.1	25	-1.1	-0.4	-1.9	7.53	26	-0.41	-0.20	-0.61
1000.	25	1493.2	1.9	1496.6	1489.7	24	-1.4	-0.2	-15.2	6.41	25	-0.49	-0.18	-3.96
1100.	25	1491.5	1.6	1494.1	1488.9	23	-0.5	-0.2	-1.3	5.56	25	-0.25	-0.13	-0.45
1200.	25	1490.7	1.3	1493.1	1488.8	23	-0.1	0.3	-0.4	4.97	25	-0.16	-0.05	-0.21
1300.	23	1490.8	1.0	1492.7	1488.8	22	0.1	0.3	-0.1	4.58	23	-0.11	-0.05	-0.16
1400.	22	1491.4	0.8	1492.8	1489.7	21	0.2	0.4	0.1	4.32	22	-0.07	-0.02	-0.12
1500.	21	1492.2	0.7	1493.5	1490.7	20	0.3	0.4	0.1	4.11	21	-0.06	-0.03	-0.10
1750.	21	1495.0	0.5	1496.7	1493.3	19	0.4	0.5	0.3	3.79	21	-0.03	-0.01	-0.05
2000.	21	1498.3	0.7	1500.9	1497.8	20	0.4	0.6	0.3	3.56	21	-0.03	0.01	-0.04
2500.	13	1505.1	1.4	1509.6	1504.1	12	0.4	0.5	0.4	3.16	13	-0.03	-0.01	-0.03
3000.	10	1511.9	0.2	1512.3	1511.6	10	0.4	0.5	0.4	2.74	11	-0.02	-0.01	-0.01
4000.	6	1527.7	0.1	1527.9	1527.5	6	0.5	0.5	0.5	2.35	8	-0.01	-0.00	-0.01
5000.	2	1545.1	0.2	1545.2	1544.9	2	0.5	0.5	0.5	2.27	3	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 80 FOR MONTH 5

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	25	1540.5	1.7	1544.2	1538.1	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	25	1540.1	1.4	1543.1	1538.0	25	-1.0	3.0	-9.8	0.72	26	-0.73	0.07	-4.88
20.	25	1539.7	1.5	1542.6	1537.3	23	-1.5	3.0	-5.5	0.76	26	-1.14	0.46	-3.21
30.	25	1539.2	1.6	1542.2	1536.5	25	-1.6	-0.3	-6.1	0.78	26	-1.10	-0.24	-2.87
40.	24	1537.9	1.6	1541.1	1535.3	24	-2.0	-0.8	-5.7	0.75	25	-1.09	-0.30	-2.96
50.	22	1536.5	1.7	1540.2	1533.6	22	-1.3	-0.5	-4.1	0.69	23	-0.76	-0.26	-2.05
75.	23	1535.7	1.8	1537.8	1531.8	22	-1.6	-0.4	-5.0	0.71	24	-0.85	-0.20	-2.24
100.	25	1533.9	2.1	1537.6	1529.7	24	-1.9	0.1	-4.5	0.76	26	-0.70	6.85	-1.95
125.	24	1531.9	2.0	1535.5	1528.2	24	-3.0	-0.7	-7.5	0.75	25	-1.34	-0.51	-3.22
150.	24	1527.9	1.7	1530.8	1524.6	23	-2.1	-0.6	-4.6	0.64	25	-0.97	-0.37	-1.85
200.	24	1525.1	1.3	1527.4	1522.4	22	-1.3	-0.6	-2.7	0.47	25	-0.65	-0.35	-1.03
250.	23	1523.5	1.2	1525.3	1520.7	22	-0.5	0.2	-1.6	0.76	24	-0.37	-0.09	-0.77
300.	23	1520.8	2.4	1524.3	1515.3	23	-1.2	0.1	-3.0	0.76	24	-0.51	-0.14	-0.63
400.	22	1515.8	3.8	1522.0	1509.3	22	-1.7	-0.4	-3.0	1.19	23	-0.62	-0.22	-0.92
500.	21	1509.3	4.3	1517.0	1502.2	21	-2.0	-1.3	-3.2	1.27	22	-0.71	-0.30	-1.35
600.	19	1503.8	4.2	1511.5	1496.3	19	-1.7	-0.9	-3.0	1.16	20	-0.61	-0.34	-0.91
700.	21	1498.0	3.6	1505.6	1489.0	21	-1.7	-0.6	-2.7	0.97	22	-0.57	-0.28	-0.86
800.	21	1494.3	2.6	1499.5	1488.8	21	-0.9	1.0	-1.7	0.67	22	-0.38	0.11	-0.54
900.	22	1492.0	1.7	1495.6	1489.1	21	-0.5	0.9	-1.0	0.44	22	-0.25	0.11	-0.37
1000.	21	1490.9	1.4	1493.6	1489.2	20	-0.3	0.1	-0.6	0.36	22	-0.21	-0.09	-0.38
1100.	20	1490.6	1.1	1492.7	1489.4	19	-0.0	0.3	-0.2	0.45	20	-0.13	-0.04	-0.19
1200.	20	1490.6	0.8	1492.5	1489.7	19	0.1	0.4	-0.4	0.20	21	-0.10	-0.03	-0.17
1300.	18	1490.4	0.6	1492.7	1490.4	18	0.2	0.4	-0.1	0.23	19	-0.07	-0.02	-0.15
1400.	18	1490.3	0.7	1493.5	1491.5	18	0.3	0.5	-0.0	0.16	19	-0.05	-0.02	-0.13
1500.	19	1495.3	0.8	1496.9	1493.8	19	0.4	0.5	0.3	0.20	20	-0.03	-0.00	-0.05
1750.	17	1498.4	1.0	1500.8	1496.4	16	0.4	0.5	0.4	0.34	18	-0.03	-0.00	-0.05
2000.	13	1505.6	1.6	1509.2	1504.7	13	0.4	0.5	0.4	0.34	16	-0.02	-0.00	-0.03
2500.	10	1513.1	2.5	1517.8	1511.6	9	0.4	0.5	0.4	0.55	11	-0.02	0.00	-0.02
3000.	3	1527.7	0.1	1527.8	1527.7	3	0.5	0.5	0.5	0.02	5	-0.00	-0.00	-0.01
4000.	3	1545.0	0.4	1545.3	1544.6	3	0.5	0.5	0.5	0.08	4	-0.01	-0.00	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 60 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN
0.	5	1541.0	1.2	1542.0	1539.6	0	0.0	0.60	27.48	26.25	3	0.00	0.00	0.00
10.	5	1541.1	1.2	1542.4	1539.7	5	0.3	0.55	27.50	26.29	5	-0.16	0.15	-0.73
20.	5	1540.3	2.0	1541.9	1538.9	5	-2.5	0.3	-8.5	26.44	5	-1.34	-0.09	-4.15
30.	5	1539.0	2.4	1540.9	1535.3	5	-4.3	0.3	-3.0	25.82	5	-2.07	-1.68	-2.84
50.	5	1537.2	2.4	1539.1	1533.2	5	-2.0	1.8	-3.0	24.86	5	-1.10	-0.30	-1.51
75.	5	1535.9	3.1	1538.3	1530.6	5	-1.6	0.8	-4.1	24.14	5	-1.02	-0.67	-1.73
100.	5	1534.3	3.7	1537.3	1528.0	5	-1.7	1.2	-2.3	23.33	5	-0.95	-0.77	-1.07
125.	5	1532.2	3.5	1535.1	1526.4	5	-2.6	2.0	-3.7	22.32	5	-1.24	-0.91	-1.67
150.	5	1530.3	3.2	1532.9	1525.1	5	-2.6	1.2	-4.6	21.41	5	-1.13	-0.55	-1.83
200.	5	1527.1	2.5	1529.7	1523.6	5	-1.8	0.7	-3.0	19.93	5	-0.80	-0.45	-1.10
250.	5	1525.3	2.2	1528.6	1522.8	4	-0.8	0.0	-1.8	18.38	4	-0.48	-0.19	-0.81
300.	5	1524.3	1.9	1527.5	1522.7	5	-0.4	0.3	-1.0	17.51	5	-0.30	-0.06	-0.51
400.	5	1520.3	1.5	1525.5	1521.7	5	-0.5	-0.1	-1.0	16.07	5	-0.29	-0.15	-0.46
500.	5	1514.6	2.9	1524.5	1517.4	5	-1.1	-0.5	-1.7	13.90	5	-0.51	-0.33	-0.70
600.	5	1516.6	4.2	1521.2	1510.4	5	-1.9	-1.7	-2.7	11.12	4	-0.70	-0.47	-0.91
700.	4	1506.4	2.7	1509.5	1502.9	4	-1.9	1.6	-2.3	9.08	4	-0.64	-0.59	-0.73
800.	4	1500.4	2.3	1502.6	1497.2	4	-2.0	1.7	-2.4	7.32	4	-0.66	-0.58	-0.73
900.	4	1495.2	2.0	1496.8	1492.5	4	-1.2	0.7	-1.5	6.15	4	-0.43	-0.33	-0.51
1000.	4	1492.2	2.2	1494.6	1489.4	4	-0.8	-0.4	-1.0	5.37	4	-0.31	-0.26	-0.35
1100.	4	1490.7	1.9	1493.1	1488.5	3	-0.3	-0.2	-0.4	4.86	4	-0.20	-0.15	-0.27
1200.	4	1490.3	1.3	1491.9	1488.7	4	0.1	0.4	0.1	4.55	4	-0.12	-0.09	-0.16
1300.	4	1490.7	0.9	1491.7	1489.6	4	0.2	0.3	0.1	4.32	4	-0.08	-0.06	-0.10
1400.	4	1491.4	0.6	1492.1	1490.6	4	0.3	0.4	0.1	4.14	4	-0.06	-0.03	-0.09
1500.	4	1492.3	0.5	1492.8	1491.8	4	0.3	0.4	0.3	3.82	4	-0.05	-0.03	-0.06
1750.	4	1493.2	0.2	1493.3	1493.0	4	0.4	0.4	0.3	3.60	4	-0.03	-0.03	-0.04
2000.	4	1498.5	0.3	1498.8	1498.1	3	0.4	0.5	0.3	3.16	4	-0.02	-0.01	-0.03
2500.	4	1503.1	0.5	1503.7	1504.5	4	0.4	0.4	0.4	2.76	4	-0.03	-0.02	-0.03
3000.	4	1512.0	0.4	1512.6	1511.5	4	0.4	0.4	0.4	2.38	4	-0.02	-0.02	-0.03
4000.	4	1527.8	0.0	1528.0	1527.7	4	0.5	0.5	0.5	2.30	4	-0.00	-0.00	-0.01
5000.	4	1545.2	0.3	1545.6	1545.0	4	0.5	0.5	0.5	2.37	4	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE HO FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1543.4	0.1	1543.6	1543.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	2	1543.7	0.1	1543.7	1543.6	2	0.3	0.3	0.3	0.3	2	-0.03	-0.07	-0.07
20.	2	1543.7	0.1	1543.8	1543.6	2	0.2	0.6	-0.3	-0.3	2	-0.18	0.03	-0.42
30.	2	1543.2	1.1	1544.0	1542.4	2	-1.5	0.6	-3.7	-3.7	2	-1.04	-0.03	-2.04
40.	2	1540.2	0.1	1540.2	1540.1	1	-5.9	-5.9	-5.9	-5.9	1	-2.96	-2.96	-2.96
50.	2	1537.3	1.0	1538.0	1536.6	1	-2.7	-2.7	-2.7	-2.7	1	-1.43	-1.43	-1.43
60.	2	1535.1	0.8	1535.6	1534.5	2	-2.7	-2.6	-2.9	-2.9	2	-1.36	-1.27	-1.45
70.	2	1533.0	1.1	1533.8	1532.2	2	-2.5	-2.2	-2.4	-2.4	2	-1.24	-1.15	-1.33
80.	2	1531.0	1.2	1531.8	1530.1	2	-2.5	-2.4	-2.6	-2.6	2	-1.19	-1.17	-1.21
90.	2	1526.9	0.7	1527.4	1526.4	2	-2.5	-2.3	-2.7	-2.7	2	-1.10	-1.01	-1.19
100.	2	1524.2	0.5	1524.5	1523.8	2	-1.7	-1.6	-1.8	-1.8	2	-0.72	-0.68	-0.76
110.	2	1523.7	0.2	1523.8	1523.5	2	-0.3	-0.2	-0.4	-0.4	2	-0.28	-0.23	-0.34
120.	2	1521.8	0.5	1522.1	1521.4	2	-0.6	-0.4	-0.7	-0.7	2	-0.36	-0.31	-0.41
130.	2	1518.9	2.0	1518.3	1515.5	2	-1.5	-1.2	-1.8	-1.8	2	-0.60	-0.51	-0.67
140.	2	1510.0	2.5	1511.7	1508.2	2	-2.1	-2.0	-2.2	-2.2	2	-0.75	-0.74	-0.77
150.	2	1504.8	3.1	1507.0	1502.6	2	-1.6	-1.4	-1.7	-1.7	2	-0.58	-0.56	-0.67
160.	2	1500.3	3.0	1502.4	1498.1	2	-1.4	-1.4	-1.4	-1.4	2	-0.51	-0.49	-0.52
170.	2	1496.2	2.1	1497.7	1494.7	2	-1.2	-1.0	-1.4	-1.4	2	-0.44	-0.39	-0.49
180.	2	1493.0	0.4	1493.2	1492.7	2	-1.0	-0.6	-1.4	-1.4	2	-0.37	-0.28	-0.45

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	X	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	23	1542.4	1.4	1544.8	1538.8	0	0.0	0.0	0.0	24	27.59	0.65	28.64	25.98	0	0.00	0.00	0.00
10.	23	1542.6	1.5	1544.8	1538.7	23	0.2	1.2	-1.5	24	27.57	0.65	28.54	25.88	24	-0.06	0.40	-0.47
20.	23	1542.7	1.5	1544.8	1538.7	22	0.3	1.0	-0.6	24	27.55	0.56	28.48	25.81	23	-0.09	0.15	-0.61
30.	23	1542.7	1.6	1544.9	1538.8	23	0.0	1.0	-2.4	24	27.48	0.70	28.45	25.77	24	-0.25	0.06	-1.49
50.	23	1542.1	1.8	1545.4	1538.7	23	-4.1	0.8	-12.2	24	26.99	0.92	28.51	24.65	24	-2.27	0.09	-5.75
75.	23	1537.9	2.4	1541.7	1530.7	23	-4.1	-2.0	-6.1	24	24.88	1.21	26.66	21.72	24	-2.17	-1.22	-3.35
100.	23	1534.8	2.3	1538.8	1527.9	22	-3.6	-2.0	-9.1	24	23.34	1.14	25.32	20.42	24	-1.69	-0.61	-3.35
125.	23	1532.0	2.4	1536.6	1526.0	23	-3.7	-1.2	-6.8	24	22.14	1.06	24.13	19.86	24	-1.49	-0.58	-2.88
150.	23	1529.7	2.6	1534.5	1524.7	23	-3.6	0.3	-4.5	24	21.11	1.03	23.03	19.37	24	-1.16	-0.08	-1.84
200.	23	1526.6	2.1	1531.3	1523.6	23	-1.3	-0.4	-4.7	24	19.69	0.77	21.43	18.67	24	-0.71	-0.23	-1.92
250.	23	1524.9	1.4	1528.6	1522.2	23	-0.9	0.3	-2.4	24	18.83	0.49	20.16	17.93	24	-0.46	-0.09	-1.01
300.	23	1524.0	1.0	1526.6	1521.1	23	-0.2	0.3	-1.5	24	18.24	0.36	19.16	17.28	24	-0.23	-0.10	-0.46
400.	19	1522.8	1.6	1524.7	1517.3	19	-0.6	0.1	-2.0	21	17.32	0.50	17.96	15.63	21	-0.36	-0.12	-0.81
500.	19	1519.0	2.8	1523.6	1511.2	18	-1.8	-0.8	-3.0	21	15.66	0.80	17.09	13.35	21	-0.69	-0.41	-1.02
600.	19	1512.8	3.3	1519.1	1504.3	19	-2.0	-1.4	-3.0	21	13.37	0.91	15.20	10.96	21	-0.72	-0.52	-0.91
700.	19	1506.3	3.2	1512.3	1499.5	18	-2.2	-1.5	-3.0	21	11.11	0.85	12.74	9.21	20	-0.74	-0.53	-0.99
800.	19	1500.3	3.0	1506.9	1493.9	18	-1.6	-0.9	-2.6	21	9.05	0.75	10.81	7.35	20	-0.57	-0.34	-0.84
900.	19	1496.0	2.4	1501.6	1491.6	19	-1.2	-0.6	-2.0	21	7.50	0.61	8.97	6.34	21	-0.43	-0.30	-0.64
1000.	19	1493.1	2.1	1497.1	1489.7	18	-0.6	0.3	-1.2	21	6.36	0.52	7.37	5.46	21	-0.28	-0.06	-0.43
1100.	19	1491.7	1.9	1494.3	1488.4	18	-0.4	0.1	-0.9	21	5.59	0.46	6.27	4.81	21	-0.23	-0.10	-0.36
1200.	18	1491.2	1.5	1494.1	1489.0	17	-0.1	0.2	-0.3	20	5.06	0.35	5.79	4.52	20	-0.14	-0.07	-0.20
1300.	18	1491.3	1.3	1494.5	1489.3	16	0.1	0.5	-0.1	20	4.64	0.31	5.46	4.21	20	-0.10	-0.05	-0.15
1400.	18	1491.7	1.0	1494.2	1490.1	17	0.2	0.5	-0.1	20	4.40	0.24	4.97	4.01	20	-0.07	-0.03	-0.15
1500.	18	1492.5	0.7	1493.0	1491.6	17	0.3	0.5	0.1	20	4.19	0.16	4.52	3.94	20	-0.05	-0.01	-0.09
1750.	18	1495.2	0.3	1496.0	1494.7	16	0.4	0.5	0.3	20	3.82	0.08	4.00	3.69	20	-0.04	-0.00	-0.13
2000.	17	1498.3	0.6	1499.5	1496.1	14	0.4	0.4	0.3	19	3.55	0.15	3.83	3.03	19	-0.03	-0.02	-0.05
2500.	16	1505.1	0.5	1505.9	1503.6	13	0.4	0.6	0.3	18	3.14	0.12	3.35	2.80	18	-0.03	-0.01	-0.04
3000.	16	1512.1	0.5	1513.3	1511.5	15	0.4	0.5	0.4	18	2.77	0.11	3.07	2.62	18	-0.02	-0.01	-0.03
4000.	14	1527.8	0.2	1528.6	1527.5	12	0.5	0.6	0.5	16	2.37	0.06	2.55	2.31	16	-0.01	0.00	-0.02
5000.	8	1545.2	0.1	1545.5	1544.8	7	0.5	0.5	0.5	9	2.30	0.05	2.38	2.21	9	-0.00	0.00	-0.01

SUMMARY FOR QUADRANT 1 OF MARS DEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1541.5	2.1	1542.9	1540.0	0	0	0.0	0.71	27.00	27.96	26.40	0	0.00	0.00	0.00
10.	2	1541.7	2.1	1543.1	1540.2	2	2	0.0	0.79	27.96	27.96	26.18	4	-0.12	0.20	-0.67
20.	2	1541.9	2.1	1543.3	1540.4	2	2	0.7	0.87	28.00	28.00	25.96	4	-0.17	-0.67	-0.67
30.	2	1541.6	2.5	1543.4	1539.8	2	2	-3.4	1.00	27.99	27.99	25.73	4	-0.99	0.03	-3.25
50.	2	1538.9	6.9	1543.8	1534.0	2	2	-6.6	1.96	28.01	28.01	23.53	4	-1.97	0.04	-5.72
75.	2	1534.6	8.9	1540.9	1528.3	2	2	-4.4	2.32	26.36	26.36	21.14	4	-1.63	-0.68	-2.93
100.	2	1531.3	7.4	1536.5	1526.0	2	2	-4.1	2.04	24.35	24.35	20.13	4	-1.98	-1.20	-2.57
125.	2	1528.6	6.1	1532.9	1524.3	2	2	-3.3	1.64	22.91	22.91	19.38	4	-1.66	-0.88	-2.03
150.	2	1527.1	4.9	1530.6	1523.6	2	2	-1.4	0.78	20.26	20.26	18.54	4	-0.90	-0.28	-1.42
200.	2	1525.1	2.7	1527.0	1523.2	2	2	-1.2	0.53	19.33	19.33	18.10	4	-0.60	-0.22	-0.97
250.	2	1523.7	1.4	1524.7	1522.7	2	2	-0.8	0.19	17.26	17.26	16.99	4	-0.79	-0.27	-1.66
300.	2	1523.0	0.5	1523.3	1522.6	2	2	-0.2	0.15	15.39	15.39	15.18	2	-0.31	-0.20	-0.42
400.	1	1521.7	0.0	1521.7	1521.7	1	1	-0.8	0.16	11.09	11.09	10.86	2	-0.62	-0.49	-0.75
500.	1	1518.1	0.0	1518.1	1518.1	1	1	-1.1	0.00	8.93	8.93	8.93	2	-0.70	-0.70	-0.70
600.	1	1513.0	0.0	1513.0	1513.0	1	1	-2.1	0.00	7.18	7.18	7.18	1	-0.66	-0.66	-0.66
700.	1	1506.3	0.0	1506.3	1506.3	1	1	-2.0	0.00	6.21	6.21	6.21	1	-0.53	-0.53	-0.53
800.	1	1499.9	0.0	1499.9	1499.9	1	1	-1.6	0.00	5.49	5.49	5.49	1	-0.25	-0.25	-0.25
900.	1	1494.8	0.0	1494.8	1494.8	1	1	-0.5	0.00	4.91	4.91	4.91	1	-0.22	-0.22	-0.22
1000.	1	1492.6	0.0	1492.6	1492.6	1	1	-0.2	0.00	4.61	4.61	4.61	1	-0.18	-0.18	-0.18
1100.	1	1491.3	0.0	1491.3	1491.3	1	1	0.2	0.00	4.37	4.37	4.37	1	-0.08	-0.08	-0.08
1200.	1	1490.5	0.0	1490.5	1490.5	1	1	0.2	0.00	4.15	4.15	4.15	1	-0.07	-0.07	-0.07
1300.	1	1491.0	0.0	1491.0	1491.0	1	1	0.2	0.00	3.76	3.76	3.76	1	-0.03	-0.03	-0.03
1400.	1	1491.7	0.0	1491.7	1491.7	1	1	0.2	0.00	3.54	3.54	3.54	1	-0.03	-0.03	-0.03
1500.	1	1492.4	0.0	1492.4	1492.4	1	1	0.4	0.00	3.08	3.08	3.08	1	-0.03	-0.03	-0.03
1750.	1	1495.0	0.0	1495.0	1495.0	1	1	0.4	0.00	2.75	2.75	2.75	1	-0.02	-0.02	-0.02
2000.	1	1498.3	0.0	1498.3	1498.3	1	1	0.4	0.00	2.36	2.36	2.36	1	-0.00	-0.00	-0.00
2500.	1	1504.8	0.0	1504.8	1504.8	1	1	0.4	0.00	2.25	2.25	2.25	1	-0.00	-0.00	-0.00
3000.	1	1512.0	0.0	1512.0	1512.0	1	1	0.5	0.00	2.25	2.25	2.25	1	-0.00	-0.00	-0.00
4000.	1	1527.8	0.0	1527.8	1527.8	1	1	0.5	0.00	2.25	2.25	2.25	1	-0.00	-0.00	-0.00
5000.	1	1545.0	0.0	1545.0	1545.0	1	1	0.5	0.00	2.25	2.25	2.25	1	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 80 FOR MONTH 12

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT						
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	26.98	0.00	26.98	26.98	0	0.00	0.00	0.00	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	26.98	0.00	26.98	26.98	1	0.00	0.00	0.00	1	0.00	0.00	0.00
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	26.99	0.00	26.99	26.99	1	0.03	0.03	0.03	1	0.03	0.03	0.03
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	26.99	0.00	26.99	26.99	1	0.00	0.00	0.00	1	0.00	0.00	0.00
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	26.81	0.00	26.81	26.81	1	-1.45	-1.45	-1.45	1	-1.45	-1.45	-1.45
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.57	0.00	25.57	25.57	1	-1.51	-1.51	-1.51	1	-1.51	-1.51	-1.51
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	24.20	0.00	24.20	24.20	1	-1.87	-1.87	-1.87	1	-1.87	-1.87	-1.87
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	22.77	0.00	22.77	22.77	1	-1.74	-1.74	-1.74	1	-1.74	-1.74	-1.74
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	21.54	0.00	21.54	21.54	1	-1.46	-1.46	-1.46	1	-1.46	-1.46	-1.46
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	19.79	0.00	19.79	19.79	1	-0.75	-0.75	-0.75	1	-0.75	-0.75	-0.75
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.97	0.00	18.97	18.97	1	-0.30	-0.30	-0.30	1	-0.30	-0.30	-0.30
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.15	0.00	18.15	18.15	1	-0.46	-0.46	-0.46	1	-0.46	-0.46	-0.46
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	16.85	0.00	16.85	16.85	1	-0.36	-0.36	-0.36	1	-0.36	-0.36	-0.36
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	15.17	0.00	15.17	15.17	1	-0.78	-0.78	-0.78	1	-0.78	-0.78	-0.78
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.80	0.00	12.80	12.80	1	-0.69	-0.69	-0.69	1	-0.69	-0.69	-0.69
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.60	0.00	10.60	10.60	1	-0.67	-0.67	-0.67	1	-0.67	-0.67	-0.67

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	S	D	MAX	MIN	NO	AVG	MAX	MIN
0-	31	1534.6	0.5	1536.1	1533.9	0	0	0.0	0.0	0.29	24.14	24.94	23.82	0	0.00	0.00	0.00
10-	31	1534.6	0.4	1536.3	1534.1	31	0.1	3.0	-3.0	0.27	24.09	24.93	23.83	32	-0.13	0.09	-1.16
20-	31	1534.8	0.4	1536.4	1534.3	28	0.2	3.0	0.3	0.27	24.08	24.92	23.86	29	-0.13	0.06	-0.30
30-	31	1534.9	0.4	1536.6	1534.4	30	0.3	3.0	0.3	0.27	24.06	24.91	23.83	32	0.04	0.30	-0.03
50-	31	1535.3	0.4	1536.9	1534.8	30	0.5	1.5	0.5	0.27	24.08	24.89	23.87	32	-0.02	0.30	-0.30
75-	31	1535.6	0.4	1537.3	1535.2	29	0.3	1.0	-0.8	0.27	24.05	24.88	23.86	31	-0.08	-0.01	-0.49
100-	32	1535.9	0.6	1537.7	1534.9	31	0.3	1.0	-1.0	0.30	23.97	24.88	23.57	32	-0.11	-0.04	-0.41
125-	32	1535.9	0.4	1537.8	1535.1	32	-0.6	0.6	-3.2	0.21	23.76	24.76	23.47	32	-0.26	-0.01	-1.58
150-	32	1535.1	0.8	1537.9	1532.7	30	-2.9	-0.4	-5.5	0.36	24.57	22.36	22.36	32	-1.38	-0.42	-2.32
200-	32	1530.6	1.7	1536.4	1527.2	32	-2.6	-0.6	-4.2	0.67	23.18	23.52	19.97	32	-1.20	-0.37	-1.89
250-	32	1526.6	1.8	1533.9	1524.4	32	-2.4	-0.9	-3.6	0.66	19.46	22.16	18.72	32	-1.05	-0.48	-1.54
300-	32	1523.9	1.7	1530.5	1521.7	28	-1.0	0.4	-4.4	0.58	20.55	17.54	15.28	31	-0.46	-0.02	-1.69
400-	31	1520.7	0.9	1521.6	1516.1	27	-1.3	-0.7	-3.3	0.30	16.67	16.98	15.28	31	-0.57	-0.39	-1.24
500-	31	1515.0	2.4	1516.7	1502.8	29	-2.1	-1.4	-4.1	0.68	14.46	14.96	11.04	31	-0.77	-0.57	-1.29
600-	27	1509.2	0.7	1510.7	1508.1	26	-1.8	-1.3	-2.6	0.21	12.32	12.72	12.01	28	-0.65	-0.54	-0.88
700-	27	1503.5	0.6	1504.6	1502.3	27	-1.7	-1.5	-2.4	0.18	10.31	10.60	9.99	28	-0.61	-0.54	-0.79
800-	25	1498.1	0.9	1499.5	1496.4	20	-1.7	-1.3	-2.0	0.23	8.46	8.83	8.01	27	-0.58	-0.48	-0.66
900-	25	1493.5	1.2	1495.8	1491.4	25	-1.4	-1.1	-1.7	0.30	6.85	7.44	6.34	28	-0.49	-0.42	-0.55
1000-	25	1490.7	1.0	1492.7	1489.0	19	-0.6	-0.2	-0.9	0.25	5.76	6.25	5.34	28	-0.26	-0.17	-0.35
1100-	25	1489.5	0.5	1490.5	1488.5	25	-0.4	-0.1	-0.7	0.13	5.05	5.31	4.82	28	-0.21	-0.14	-0.29
1200-	23	1489.4	0.5	1490.5	1488.5	20	0.2	0.3	0.1	0.11	4.64	4.30	4.41	28	-0.08	-0.05	-0.13
1300-	23	1490.1	0.5	1490.9	1489.0	23	0.2	0.3	0.1	0.13	4.41	4.60	4.15	28	-0.07	-0.05	-0.10
1400-	23	1491.0	0.4	1491.5	1490.2	23	0.3	0.4	0.1	0.09	4.22	4.34	4.04	28	-0.06	-0.02	-0.09

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FUR MONTH 2

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	11	1535.7	2.2	1538.5	1532.6	0	0.0	0.0	0.0	11	24.79	1.03	26.17	23.48	0	0.00	0.00	0.00		
10.	10	1535.8	2.2	1538.3	1532.8	10	0.1	0.7	-0.7	10	24.78	1.02	25.98	23.50	10	-0.20	0.10	-0.64		
20.	10	1535.9	2.0	1538.1	1533.0	10	0.3	1.8	-0.9	10	24.74	0.95	25.82	23.52	10	-0.11	0.30	-0.52		
30.	10	1535.9	2.0	1538.0	1533.2	10	0.0	0.6	-0.6	10	24.68	0.92	25.73	23.54	10	-0.19	0.06	-0.52		
50.	11	1535.9	1.9	1538.1	1533.5	11	-0.1	0.6	-3.0	11	24.50	0.86	25.59	23.53	11	-0.16	-0.03	-0.51		
75.	11	1536.1	1.9	1538.5	1533.0	10	0.4	1.2	-0.7	11	24.37	0.81	25.42	23.10	10	-0.10	0.24	-0.72		
100.	11	1536.0	2.0	1538.8	1532.0	8	-1.9	0.8	-6.1	12	24.30	0.78	25.28	22.63	9	-1.02	0.09	-2.95		
125.	11	1534.9	2.1	1537.7	1531.3	11	-1.4	0.9	-5.4	12	23.37	0.76	24.45	22.13	12	-0.89	0.10	-2.57		
150.	11	1533.5	3.2	1538.1	1530.1	9	-1.6	0.6	-3.5	12	22.62	1.22	24.46	21.32	10	-0.90	0.07	-1.68		
200.	11	1528.1	2.1	1532.8	1525.3	10	-3.5	-1.5	-8.0	12	20.25	0.78	22.04	19.30	11	-1.56	-0.71	-3.28		
250.	11	1524.1	1.0	1525.4	1522.8	11	-2.0	-0.6	-2.9	12	18.54	0.41	19.04	17.83	12	-0.82	-0.38	-1.19		
300.	9	1521.8	1.5	1524.1	1520.2	9	-1.3	-0.5	-2.3	11	17.54	0.50	18.34	16.91	11	-0.58	-0.32	-0.76		
400.	8	1518.0	3.1	1521.7	1514.4	8	-1.3	-0.5	-2.0	11	15.80	0.98	17.03	14.51	11	-0.52	-0.34	-0.71		
500.	8	1512.0	3.2	1515.6	1508.3	7	-1.9	-1.5	-2.2	9	13.49	0.92	14.65	12.54	9	-0.63	-0.25	-0.80		
600.	8	1506.4	3.7	1512.5	1501.7	6	-1.7	-1.3	-2.3	9	11.48	1.02	13.33	10.30	8	-0.71	-0.46	-1.31		
700.	8	1500.6	3.3	1504.9	1496.5	8	-1.5	-0.9	-2.0	8	9.58	0.86	10.69	8.53	8	-0.52	-0.37	-0.66		
800.	8	1495.8	3.7	1500.9	1491.9	8	-1.5	-0.8	-2.1	8	7.90	0.91	9.19	6.96	8	-0.54	-0.46	-0.64		
900.	8	1491.5	2.8	1495.9	1488.9	8	-1.2	-0.7	-1.8	8	6.42	0.68	7.48	5.79	8	-0.42	-0.30	-0.55		
1000.	8	1488.9	1.6	1491.7	1487.4	7	-0.5	-0.2	-1.2	8	5.76	0.38	6.01	5.01	7	-0.24	-0.09	-0.41		
1100.	7	1488.3	0.8	1489.3	1487.5	7	0.0	0.2	-0.3	7	4.79	0.17	5.03	4.61	7	-0.12	-0.07	-0.19		
1200.	6	1488.8	0.4	1489.3	1488.4	6	0.2	0.3	0.1	6	4.50	0.10	4.63	4.40	6	-0.06	-0.04	-0.07		
1300.	6	1489.9	0.2	1490.3	1489.6	6	0.4	0.5	0.2	6	4.36	0.06	4.46	4.30	6	-0.04	-0.01	-0.07		
1400.	5	1491.1	0.2	1491.3	1490.9	5	0.4	0.5	0.3	5	4.27	0.04	4.31	4.22	5	-0.02	-0.02	-0.05		
1500.	5	1492.5	0.2	1492.7	1492.3	5	0.4	0.6	0.3	5	4.19	0.04	4.24	4.13	5	-0.02	-0.01	-0.05		
1750.	3	1496.5	0.1	1496.5	1496.4	3	0.5	0.6	0.5	4	4.13	0.01	4.14	4.13	4	-0.01	-0.01	-0.01		
2000.	2	1500.6	0.0	1500.6	1500.6	2	0.5	0.6	0.5	3	4.09	0.01	4.10	4.08	3	-0.00	0.01	-0.00		
2500.	1	1509.1	0.0	1509.1	1509.1	1	0.5	0.5	0.5	1	4.10	0.00	4.10	4.10	1	0.00	0.00	0.00		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	368	1534.6	0.6	1540.6	1532.4	0	0.0	0.0	0.0	386	24.13	0.42	27.07	23.30	0	0.00	0.00	0.00
10.	374	1534.7	0.2	1539.4	1533.5	364	0.3	4.3	-7.3	384	24.11	0.35	26.56	23.63	384	-0.08	3.72	-3.32
20.	398	1534.8	0.0	1539.5	1533.7	340	0.3	3.7	-5.5	407	24.09	0.32	26.54	23.64	364	-0.07	1.23	-2.74
30.	398	1535.0	0.0	1539.4	1534.0	389	0.4	1.8	-2.1	407	24.07	0.30	26.23	23.66	404	-0.06	0.46	-1.07
50.	403	1535.3	0.0	1539.7	1534.3	380	0.6	3.0	-1.1	408	24.06	0.27	26.13	23.66	395	0.03	2.59	-0.70
75.	403	1535.8	0.0	1541.1	1533.9	354	0.5	3.0	-1.1	407	24.06	0.26	26.67	23.39	369	-0.01	0.73	-0.66
100.	402	1536.1	0.0	1538.8	1532.5	380	0.5	3.0	-3.0	405	24.04	0.21	25.46	22.66	393	-0.03	0.30	-1.48
125.	399	1536.4	0.0	1538.2	1530.6	367	0.3	1.3	-4.1	402	23.97	0.22	24.85	21.74	375	-0.09	0.30	-2.11
150.	398	1536.6	0.0	1538.0	1528.9	386	0.0	6.1	-5.5	401	23.85	0.38	24.50	20.94	400	-0.23	2.13	-2.64
200.	381	1532.2	2.4	1538.4	1525.3	364	-4.2	0.8	-25.0	393	21.85	0.99	24.24	19.29	388	-1.80	0.11	-9.39
250.	366	1526.4	2.0	1536.0	1522.6	351	-2.8	-0.1	-6.1	378	19.44	0.80	22.98	18.10	375	-1.20	-0.24	-2.38
300.	307	1523.8	0.7	1531.7	1521.2	291	-1.2	1.2	-3.6	309	18.22	0.33	21.01	17.38	303	-0.60	1.88	-3.33
400.	285	1519.8	1.3	1526.7	1515.5	258	-1.3	-0.1	-3.0	287	16.42	0.45	18.65	15.14	269	-0.57	-0.17	-0.95
500.	275	1514.4	1.6	1521.9	1510.5	258	-1.7	-1.1	-3.7	278	14.29	0.51	16.55	13.19	264	-0.66	-0.47	-1.24
600.	240	1508.3	1.7	1517.5	1503.6	223	-1.8	-0.9	-2.7	242	12.09	0.50	14.70	10.83	240	-0.67	-0.19	-1.57
700.	232	1503.2	1.5	1512.8	1496.9	220	-1.5	-0.5	-2.9	234	10.25	0.42	12.86	8.66	232	-0.55	-0.28	-1.27
800.	226	1499.4	1.5	1507.8	1492.0	207	-1.1	-0.1	-3.0	229	8.79	0.42	11.04	6.99	227	-0.39	9.12	-0.80
900.	222	1494.7	1.7	1504.7	1489.1	209	-1.4	-0.2	-3.0	226	7.17	0.45	9.77	5.85	225	-0.49	-0.19	-0.87
1000.	218	1491.6	1.6	1502.0	1487.8	215	-0.9	-0.1	-1.4	221	5.98	0.42	8.63	5.11	220	-0.36	-0.15	-0.48
1100.	212	1490.3	1.3	1499.6	1487.7	195	-0.3	0.2	-0.9	218	5.29	0.36	7.58	4.65	206	-0.20	0.36	-0.34
1200.	199	1490.2	1.1	1497.5	1487.5	191	-0.0	0.5	-0.6	208	4.86	0.29	6.63	4.19	204	-0.13	-0.00	-0.29
1300.	184	1490.9	0.7	1495.7	1488.6	181	0.2	0.6	-0.5	196	4.61	0.23	5.77	4.05	196	-0.08	-0.02	-0.26
1400.	156	1491.8	0.2	1494.3	1490.4	139	0.3	0.6	-0.3	169	4.41	0.16	5.03	4.09	153	-0.07	0.13	-0.78
1500.	137	1492.7	0.0	1494.0	1491.5	132	0.3	0.6	-0.2	149	4.23	0.12	4.53	3.95	145	-0.06	-0.00	-0.17
1750.	5	1495.7	0.8	1496.6	1494.8	5	0.4	0.5	0.3	6	3.98	0.19	4.16	3.74	6	-0.02	-0.01	-0.05
2000.	2	1499.6	1.6	1500.7	1498.5	2	0.5	0.5	0.4	3	3.96	0.29	4.14	3.62	3	-0.01	-0.00	-0.01
2500.	1	1509.1	0.0	1509.1	1509.1	1	0.5	0.5	0.5	2	4.12	0.01	4.12	4.11	2	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1537.7	1.1	1539.9	1536.3	0	0.0	0.0	0.0	17	25.58	0.41	26.49	25.08	0	0.00	0.00	0.00
10.	16	1537.4	1.0	1539.7	1536.2	15	-1.0	-0.3	-4.1	18	25.39	0.39	26.28	24.99	17	-0.59	-0.14	-1.90
20.	16	1537.3	0.9	1539.3	1536.1	16	-0.5	0.3	-1.2	18	25.25	0.39	26.08	24.86	18	-0.41	-0.18	-0.73
30.	16	1537.2	0.9	1538.7	1535.8	16	-0.3	0.6	-1.8	18	25.15	0.36	25.96	24.69	18	-0.31	-0.06	-1.01
50.	16	1537.0	0.8	1538.3	1535.6	16	0.2	3.0	-0.3	18	24.96	0.35	25.90	24.46	18	-0.17	-0.05	-0.55
75.	16	1537.2	0.8	1538.3	1535.9	16	-0.1	0.6	-3.0	18	24.82	0.34	25.76	24.34	18	-0.16	0.01	-0.46
100.	16	1536.9	0.8	1538.2	1535.5	15	-1.5	0.1	-6.1	18	24.52	0.37	25.50	23.98	17	-0.89	-0.18	-2.74
125.	16	1535.2	1.5	1537.9	1533.2	15	-2.1	-0.2	-5.7	17	23.56	0.60	24.70	22.73	16	-1.11	-0.34	-2.49
150.	16	1533.2	2.0	1537.0	1529.8	16	-2.9	-1.0	-6.1	17	22.57	0.78	24.08	21.22	17	-1.37	-0.46	-2.74
200.	15	1528.9	1.9	1532.1	1526.4	14	-1.9	-1.0	-4.1	16	20.63	0.70	21.89	19.69	15	-0.91	-0.41	-1.70
250.	14	1526.2	1.6	1529.8	1523.4	13	-1.5	-0.5	-3.0	14	19.35	0.60	20.68	18.33	14	-0.72	-0.19	-1.45
300.	14	1524.2	1.3	1527.3	1522.2	14	-1.2	-0.5	-3.0	14	18.36	0.46	19.47	17.72	14	-0.52	-0.15	-1.10
400.	12	1520.1	3.1	1523.0	1513.7	12	-1.3	-0.3	-2.6	12	16.51	0.95	17.41	14.55	12	-0.59	-0.27	-0.97
500.	8	1516.9	2.2	1519.1	1512.0	8	-1.6	-0.9	-2.0	8	15.03	0.64	15.68	13.58	8	-0.64	-0.39	-0.77
600.	8	1511.3	1.8	1513.7	1508.3	7	-1.7	-1.1	-2.3	8	12.92	0.51	13.61	12.10	7	-0.65	-0.45	-0.80
700.	7	1506.0	1.7	1508.0	1503.1	6	-1.7	-1.1	-1.9	7	10.98	0.47	11.54	10.19	6	-0.61	-0.44	-0.67
800.	7	1500.5	1.8	1502.6	1497.6	7	-1.9	-1.2	-3.0	7	9.09	0.48	9.64	8.31	7	-0.62	-0.45	-0.76
900.	7	1495.1	1.6	1497.1	1492.6	7	-1.8	-1.2	-1.9	7	7.26	0.41	7.79	6.63	7	-0.58	-0.42	-0.63
1000.	7	1491.3	1.0	1492.2	1489.4	7	-0.8	-0.2	-1.5	7	5.92	0.24	6.12	5.46	7	-0.32	-0.10	-0.51
1100.	7	1490.5	0.7	1491.3	1489.7	7	-0.1	0.2	-0.3	7	5.30	0.17	5.50	5.11	7	-0.14	-0.09	-0.21
1200.	7	1490.2	0.5	1490.9	1489.4	7	-0.0	0.1	-0.3	7	4.85	0.12	5.01	4.65	7	-0.13	-0.09	-0.20
1300.	3	1490.4	0.6	1490.8	1489.7	3	0.1	0.1	0.1	3	4.48	0.14	4.57	4.32	3	-0.10	-0.09	-0.10

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	81	1538.4	0.9	1541.3	1535.4	0	0.0	0.0	0.0	82	25.81	0.47	27.09	24.35	0	0.00	0.00	0.00
10.	81	1538.0	0.7	1540.8	1536.2	81	-1.2	3.0	-4.3	82	25.56	0.39	26.79	24.67	82	-0.78	1.01	-2.13
20.	81	1537.6	0.6	1540.3	1535.9	81	-1.1	2.4	-6.4	82	25.31	0.37	26.48	24.52	82	-0.73	0.76	-3.14
30.	81	1537.3	0.7	1539.8	1534.9	81	-0.9	1.5	-2.7	82	25.11	0.37	26.16	24.01	82	-0.62	0.49	-1.37
50.	81	1537.0	0.7	1539.2	1533.7	80	-0.3	4.6	-3.5	82	24.80	0.38	25.97	23.38	82	-0.44	1.37	-1.98
75.	81	1536.6	1.0	1539.5	1531.2	81	-0.5	1.8	-3.7	82	24.41	0.46	25.68	22.25	82	-0.47	0.35	-1.76
100.	81	1536.2	1.2	1538.6	1529.3	81	-0.5	1.8	-3.8	82	24.05	0.56	25.64	21.36	82	-0.40	0.45	-1.69
125.	81	1536.0	1.6	1538.4	1528.5	81	-0.2	0.7	-3.3	82	23.78	0.68	25.29	20.87	82	-0.33	-0.02	-1.56
150.	81	1535.6	2.1	1537.7	1527.3	81	-0.7	0.6	-6.1	82	23.42	0.82	24.22	20.29	82	-0.48	-0.01	-1.83
200.	81	1531.2	2.2	1535.2	1524.1	81	-3.6	-1.5	-8.3	82	21.44	0.82	22.91	18.87	82	-1.56	-0.79	-3.21
250.	81	1525.8	0.9	1528.0	1523.4	81	-2.7	-0.4	-5.2	82	19.20	0.36	19.92	18.36	82	-1.13	-0.30	-2.06
300.	81	1523.7	0.3	1524.7	1522.1	79	-1.1	-0.1	-2.1	82	18.16	0.19	18.56	17.65	82	-0.56	-0.19	-0.99
400.	81	1520.6	0.7	1523.3	1518.2	81	-0.9	-0.1	-1.7	81	16.66	0.27	17.50	15.86	81	-0.46	-0.20	-0.71
500.	80	1515.8	0.9	1519.1	1513.2	80	-1.6	-1.0	-2.3	80	14.69	0.30	15.70	13.88	80	-0.64	-0.44	-0.91
600.	79	1508.7	1.5	1514.0	1505.6	76	-2.2	-1.3	-3.5	80	12.18	0.44	13.70	11.34	78	-0.77	-0.53	-1.15
700.	79	1502.9	1.4	1508.0	1500.6	79	-1.7	-1.1	-2.4	80	10.17	0.38	11.51	9.55	80	-0.61	-0.42	-0.80
800.	76	1458.3	1.0	1500.9	1495.8	76	-1.3	-0.3	-2.4	77	8.52	0.28	9.16	7.88	77	-0.47	-0.21	-0.72
900.	76	1492.8	0.9	1496.1	1491.2	76	-1.7	-0.8	-2.0	77	6.69	0.26	7.52	6.29	77	-0.55	-0.32	-0.65
1000.	74	1489.0	1.0	1491.9	1487.7	74	-1.1	0.1	-1.4	74	5.34	0.27	6.04	5.02	74	-0.40	-0.12	-0.47
1100.	69	1488.6	0.5	1490.8	1487.7	68	-0.1	0.5	-0.5	69	4.84	0.16	5.37	4.62	69	-0.14	-0.09	-0.25
1200.	67	1488.7	0.3	1490.7	1487.8	67	0.1	0.5	-0.1	67	4.47	0.14	4.95	4.27	67	-0.11	-0.06	-0.15
1300.	63	1489.1	0.4	1490.7	1488.3	63	0.1	0.2	0.0	63	4.16	0.13	4.54	3.98	63	-0.09	-0.06	-0.12
1400.	58	1490.2	0.3	1491.3	1489.0	58	0.4	0.4	-0.1	60	4.03	0.09	4.29	3.75	60	-0.03	-0.02	-0.14
1500.	56	1491.4	0.0	1492.0	1490.9	56	0.4	0.5	0.2	58	3.93	0.06	4.07	3.82	58	-0.03	-0.02	-0.08
1750.	53	1494.7	0.0	1495.1	1494.2	53	0.4	0.5	0.4	55	3.71	0.05	3.81	3.60	55	-0.03	-0.02	-0.04
2000.	1	1498.4	0.0	1498.4	1498.4	1	0.3	0.3	0.3	1	3.59	0.00	3.59	3.59	1	-0.03	-0.03	-0.03
2500.	1	1504.8	0.0	1504.8	1504.8	1	0.3	0.3	0.3	1	3.09	0.00	3.09	3.09	1	-0.03	-0.03	-0.03
3000.	1	1511.5	0.0	1511.5	1511.5	1	0.3	0.3	0.3	1	2.65	0.00	2.65	2.65	1	-0.03	-0.03	-0.03
4000.	1	1527.5	0.0	1527.5	1527.5	1	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	25	1542.5	1.0	1543.8	1540.0	0	0.0	0.0	0.0	25	27.73	0.46	28.40	26.57	0	0.00	0.00	0.00
10.	25	1542.1	0.9	1543.4	1540.2	25	-1.3	0.9	-7.3	25	27.47	0.43	28.03	26.54	25	-0.87	-0.03	-3.84
20.	25	1541.8	1.0	1543.1	1539.7	25	-1.2	1.5	-5.2	25	27.21	0.51	27.78	26.09	25	-0.80	-0.06	-2.80
30.	25	1541.3	1.1	1543.1	1538.7	25	-1.5	0.6	-5.2	25	26.89	0.51	27.70	25.56	25	-0.98	-0.06	-2.83
50.	25	1540.2	1.2	1542.7	1537.2	23	-1.7	0.6	-4.3	25	26.24	0.59	27.25	24.76	24	-1.10	-0.37	-2.74
75.	25	1539.0	1.1	1541.0	1536.9	24	-1.3	0.4	-4.9	25	25.51	0.57	26.53	24.45	25	-0.78	-0.15	-2.29
100.	25	1538.2	1.3	1540.8	1536.2	24	-1.0	1.3	-3.0	25	24.96	0.60	26.26	24.03	25	-0.67	0.09	-1.60
125.	25	1536.9	1.6	1539.7	1534.3	24	-1.6	0.5	-4.9	25	24.18	0.68	25.54	23.14	25	-0.95	-0.10	-2.28
150.	25	1534.9	2.2	1537.8	1530.9	24	-2.5	0.6	-7.5	25	23.21	0.84	24.38	21.67	25	-1.30	-0.12	-3.26
200.	25	1529.5	2.6	1533.9	1524.7	24	-2.6	-1.0	-7.3	25	20.79	0.96	22.43	19.08	25	-1.51	-0.60	-2.92
250.	25	1525.3	2.0	1530.2	1521.9	24	-2.5	-0.9	-9.1	25	19.01	0.68	20.76	17.88	25	-1.03	-0.24	-3.35
300.	23	1523.1	2.0	1527.1	1517.7	22	-1.3	0.3	-2.8	25	17.99	0.64	19.36	16.27	25	-0.59	-0.05	-1.05
400.	21	1517.8	3.8	1522.1	1511.0	21	-1.9	-0.2	-3.9	21	15.81	1.15	17.11	13.78	21	-0.71	-0.04	-1.29
500.	18	1511.0	4.8	1515.7	1501.0	17	-2.3	-1.5	-4.0	19	13.25	1.35	14.67	10.58	19	-0.81	-0.53	-1.31
600.	18	1501.8	7.1	1510.3	1487.4	18	-3.0	-0.9	-7.8	19	10.30	1.80	12.63	6.65	19	-0.94	-0.36	-2.38
700.	11	1498.8	5.5	1503.1	1488.7	11	-1.9	-0.5	-6.2	11	9.11	1.39	10.21	6.57	11	-0.64	-0.26	-1.70
800.	10	1495.2	3.1	1498.2	1489.6	10	-1.5	-0.3	-2.4	10	7.74	0.76	8.49	6.38	10	-0.53	-0.19	-0.75
900.	8	1491.1	1.2	1492.4	1489.1	8	-1.7	-1.4	-1.9	8	6.26	0.31	6.61	5.78	8	-0.55	-0.48	-0.60
1000.	7	1488.4	0.6	1489.2	1487.7	7	-0.6	-0.2	-1.0	7	5.20	0.15	5.40	5.03	7	-0.28	-0.17	-0.37
1100.	7	1488.3	0.3	1488.7	1487.9	6	-0.0	0.1	-0.2	7	4.77	0.06	4.87	4.70	7	-0.13	-0.08	-0.17
1200.	7	1488.8	0.4	1489.7	1488.3	7	0.2	0.4	0.1	7	4.50	0.10	4.69	4.39	7	-0.08	-0.02	-0.12
1300.	6	1489.6	0.2	1490.0	1489.4	4	0.2	0.4	0.1	6	4.29	0.05	4.37	4.24	5	-0.06	-0.03	-0.10
1400.	3	1490.7	0.3	1490.9	1490.3	3	0.3	0.4	0.3	3	4.14	0.06	4.18	4.07	3	-0.05	-0.03	-0.06
1500.	3	1492.0	0.5	1492.4	1491.5	3	0.4	0.5	0.4	3	4.06	0.10	4.14	3.95	3	-0.02	-0.01	-0.04
1750.	1	1494.8	0.0	1494.8	1494.8	1	0.2	0.2	0.2	1	3.72	0.00	3.72	3.72	1	-0.06	-0.06	-0.06

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FUR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	57	1544.8	0.8	1547.0	1541.8	0	0.0	0.38	29.40	27.40	0	0.00	0.00	0.00
10.	56	1544.6	0.7	1546.4	1541.9	56	-0.6	0.31	29.15	27.39	56	-0.49	0.15	-1.54
20.	56	1544.3	0.7	1545.8	1542.0	56	-1.2	0.9	-3.4	-3.0	56	-0.83	-0.36	-2.74
30.	56	1543.7	0.9	1545.8	1541.7	55	-2.2	0.6	-9.1	-6.1	55	-1.26	-0.03	-4.57
50.	55	1542.2	1.3	1546.0	1538.6	55	-3.0	0.3	-6.1	-6.1	56	-1.55	-0.05	-3.05
75.	55	1539.6	1.0	1543.6	1536.8	55	-2.9	-0.8	-5.7	-5.7	56	-1.56	-0.30	-2.97
100.	54	1537.5	1.1	1539.9	1534.0	52	-2.0	1.0	-5.0	-5.0	56	-1.08	-0.06	-2.60
125.	54	1536.2	1.8	1539.5	1533.2	54	-1.6	0.5	-4.5	-4.5	56	-0.89	-0.02	-2.04
150.	53	1534.5	2.1	1538.1	1530.0	52	-2.4	-0.1	-5.5	-5.5	54	-1.19	-0.23	-2.29
200.	49	1529.8	1.7	1534.9	1525.4	46	-2.9	-0.8	-6.9	-6.9	46	-1.26	-0.30	-2.90
250.	49	1526.2	1.0	1529.6	1524.2	49	-1.9	-0.5	-3.2	-3.2	49	-0.85	-0.34	-1.40
300.	48	1523.5	0.5	1526.2	1522.6	48	-1.4	-0.4	-3.0	-3.0	48	-0.57	-0.27	-1.07
400.	48	1519.9	1.0	1523.1	1516.1	46	-1.2	-0.1	-2.1	-2.1	46	-0.53	-0.20	-0.81
500.	47	1515.3	1.3	1520.4	1512.0	47	-1.6	-0.6	-3.0	-3.0	48	-0.63	-0.34	-0.82
600.	47	1509.5	1.5	1515.1	1506.3	45	-1.8	-1.3	-2.5	-2.5	47	-0.65	-0.51	-0.86
700.	46	1503.8	1.4	1507.2	1499.5	45	-1.7	-1.0	-2.4	-2.4	46	-0.61	-0.41	-0.80
800.	41	1458.2	1.7	1500.5	1493.2	38	-1.6	-1.1	-3.0	-3.0	41	-0.56	-0.46	-0.80
900.	38	1493.7	1.7	1495.8	1488.2	37	-1.3	-0.6	-1.8	-1.8	38	-0.47	-0.28	-0.60
1000.	34	1470.4	1.5	1495.2	1487.0	33	-0.9	0.2	-1.6	-1.6	35	-0.33	-0.34	-0.53
1100.	16	1489.5	1.2	1491.4	1487.4	13	-0.1	0.2	-0.6	-0.6	17	-0.17	-0.08	-0.27
1200.	15	1489.6	1.0	1491.9	1487.4	14	0.1	0.4	-0.3	-0.3	16	-0.10	-0.01	-0.19
1300.	12	1490.5	0.8	1492.3	1489.8	11	0.2	0.6	0.1	0.1	13	-0.07	-0.02	-0.12
1400.	8	1491.5	0.7	1492.8	1490.8	8	0.3	0.4	0.2	0.2	9	-0.06	-0.03	-0.09
1500.	6	1492.3	0.5	1493.3	1491.9	6	0.3	0.4	0.2	0.2	6	-0.06	-0.04	-0.09
1750.	2	1495.4	0.1	1495.4	1495.3	2	0.4	0.4	0.4	0.4	2	-0.03	-0.03	-0.04
2000.	1	1498.4	0.0	1498.4	1498.4	1	0.4	0.4	0.4	0.4	1	-0.03	-0.03	-0.03

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	96	1546.3	0.8	1548.3	1541.6	0	0.0	0.0	0.0	99	29.36	0.44	30.30	27.34	0	0.00	0.00	0.00
10.	94	1546.0	0.5	1548.2	1541.7	98	-0.8	1.2	-5.8	99	29.16	0.35	30.04	27.33	99	-0.60	0.30	-2.87
20.	82	1545.8	0.6	1547.5	1541.7	82	-0.6	3.0	-4.9	83	28.99	0.31	29.76	27.32	83	-0.53	0.12	-2.38
30.	82	1545.7	0.6	1547.6	1541.0	81	-0.7	1.5	-9.1	83	28.85	0.35	29.74	26.91	83	-0.50	0.46	-3.35
50.	82	1544.0	1.7	1546.7	1539.6	81	-2.8	1.2	-9.1	83	27.93	0.77	29.10	26.16	83	-2.25	0.18	-61.55
75.	82	1540.4	1.0	1543.1	1537.7	80	-4.3	0.4	-10.2	83	26.14	0.46	27.28	25.04	83	-2.18	-0.18	-5.23
100.	82	1538.0	1.2	1540.8	1535.4	82	-2.6	0.4	-4.8	83	24.87	0.54	26.06	23.83	83	-1.38	-0.17	-2.33
125.	81	1536.4	1.6	1539.7	1533.2	79	-1.9	0.6	-4.4	83	23.99	0.68	25.36	22.73	81	-1.08	-0.11	-2.10
150.	82	1534.5	1.8	1538.1	1531.1	81	-2.4	-0.9	-5.2	83	23.04	0.71	24.46	21.73	83	-1.17	-0.59	-2.53
200.	67	1530.0	1.4	1533.5	1526.7	65	-3.1	-1.0	-7.1	69	20.98	0.56	22.60	19.70	69	-1.36	-0.02	-2.79
250.	46	1528.7	1.9	1531.3	1523.9	45	-2.0	-0.9	-5.3	48	19.39	0.82	22.56	18.53	47	-0.89	-0.02	-2.13
300.	44	1524.0	1.9	1529.0	1521.4	36	-1.2	-0.3	-3.0	45	18.29	0.63	19.97	17.41	38	-0.54	-0.21	-0.97
400.	42	1520.3	1.8	1524.2	1515.5	34	-1.3	0.6	-2.6	44	16.58	0.57	17.73	15.07	39	-0.56	-0.16	-0.98
500.	14	1514.8	2.3	1519.1	1509.1	30	-2.0	-1.3	-3.9	15	14.42	0.66	15.64	12.72	33	-0.76	-0.52	-1.32
600.	32	1508.6	2.0	1513.0	1505.4	28	-2.0	-1.5	-2.8	33	12.17	0.55	13.32	11.25	33	-0.70	-0.33	-0.91
700.	31	1502.9	1.9	1507.1	1498.4	26	-1.6	-1.1	-2.0	13	10.16	0.48	11.22	8.97	29	-0.59	-0.43	-0.69
800.	28	1497.8	1.8	1501.3	1492.3	25	-1.6	-1.0	-2.4	12	8.42	0.47	9.34	6.99	30	-0.54	-0.30	-0.74
900.	25	1493.0	1.8	1497.0	1484.1	20	-1.4	-1.1	-1.7	10	6.82	0.49	7.69	5.78	28	-0.49	-0.40	-0.61
1000.	21	1490.3	1.3	1493.5	1488.7	21	-0.6	-0.1	-1.3	27	5.72	0.35	6.41	5.29	26	-0.29	-0.10	-0.44
1100.	21	1489.5	1.1	1491.5	1488.4	20	-0.2	0.2	-0.7	25	5.09	0.26	5.58	4.79	25	-0.16	-0.07	-0.30
1200.	17	1489.4	0.7	1491.8	1488.8	15	0.1	0.8	-0.4	21	4.65	0.16	5.25	4.49	21	-0.11	-0.05	-0.22
1300.	8	1490.4	0.7	1492.1	1489.8	7	0.2	0.3	0.1	10	4.45	0.18	4.93	4.30	10	-0.07	-0.05	-0.10
1400.	3	1491.7	0.7	1492.5	1491.3	3	0.4	0.6	0.1	4	4.35	0.18	4.60	4.17	4	-0.05	-0.03	-0.10
1500.	2	1492.5	0.1	1492.5	1492.4	2	0.3	0.3	0.3	2	4.18	0.01	4.18	4.17	2	-0.05	-0.05	-0.06
1750.	1	1494.3	0.0	1494.3	1494.3	1	0.2	0.2	0.2	1	3.63	0.00	3.63	3.63	1	-0.07	-0.07	-0.07
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 40 FUR MOUTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	50	1546.0	0.1	1547.7	1545.5	41	29.23	0.21	30.13	28.92	0	0.00	0.00	0.00
10.	51	1546.0	0.0	1546.7	1545.5	51	29.13	0.12	29.45	28.90	51	-0.33	0.18	-2.53
20.	51	1546.0	0.0	1546.5	1545.0	51	29.05	0.15	29.25	28.53	51	-0.21	0.06	-0.94
30.	51	1546.0	0.3	1546.4	1543.6	50	28.98	0.23	29.18	27.78	50	-0.21	0.30	-2.49
40.	51	1545.3	1.1	1546.6	1541.1	51	28.52	0.52	29.17	26.62	51	-0.82	-0.02	-8.29
50.	51	1542.5	1.2	1546.1	1539.9	49	27.8	0.58	28.67	25.47	50	-1.97	-0.20	-4.51
60.	51	1540.0	0.5	1541.8	1539.0	51	25.76	0.28	26.58	25.28	51	-1.63	-0.49	-3.33
70.	51	1538.4	0.3	1540.0	1537.7	49	25.02	0.22	25.47	24.49	50	-0.79	-0.12	-1.58
80.	51	1537.1	0.4	1538.7	1535.0	48	24.06	0.37	24.72	23.19	49	-1.35	-0.21	-2.74
90.	51	1530.0	1.1	1532.2	1527.9	51	20.98	0.42	21.81	20.23	51	-1.96	-1.20	-2.71
100.	52	1525.2	0.5	1527.3	1524.2	45	18.97	0.20	19.71	18.65	51	-0.89	-0.47	-1.36
110.	52	1523.5	0.2	1524.3	1522.6	47	18.13	0.15	18.40	17.91	49	-0.44	-0.21	-0.62
120.	44	1521.4	0.0	1522.3	1520.6	47	16.91	0.12	17.22	16.59	49	-0.37	-0.27	-0.58
130.	13	1517.4	0.6	1518.6	1516.3	10	15.17	0.18	15.52	14.84	12	-0.58	-0.42	-0.74
140.	13	1511.2	1.1	1513.7	1509.6	11	12.89	0.31	13.60	12.46	13	-0.67	-0.49	-0.84
150.	13	1504.4	1.1	1507.2	1503.3	13	10.67	0.20	11.11	10.28	13	-0.66	-0.52	-0.79
160.	13	1499.5	1.0	1502.0	1498.1	12	8.84	0.25	9.48	8.52	13	-0.55	-0.68	-0.63
170.	13	1493.7	1.2	1496.4	1491.6	11	6.91	0.30	7.60	6.40	13	-0.59	-0.52	-0.73
180.	13	1490.0	0.3	1490.7	1489.2	12	5.59	0.09	5.76	5.42	13	-0.39	-0.24	-0.59
190.	13	1488.8	0.2	1489.3	1488.5	12	4.91	0.06	5.03	4.83	13	-0.20	-0.16	-0.25
200.	13	1489.1	0.2	1489.6	1488.7	12	4.56	0.07	4.70	4.47	13	-0.10	-0.07	-0.14
210.	4	1490.2	0.3	1490.6	1489.8	4	4.43	0.08	4.54	4.34	8	-0.04	-0.03	-0.05
220.	4	1491.2	0.2	1491.6	1490.8	7	4.27	0.06	4.35	4.19	8	-0.05	-0.03	-0.04
230.	5	1492.7	0.3	1492.5	1491.8	5	4.11	0.06	4.17	4.04	5	-0.05	-0.05	-0.07

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 60 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	52	1544.7	1.1	1547.3	1541.1	0	0.0	0.0	0.0	56	28.74	0.48	29.96	27.18	0	0.00	0.00	0.00		
10.	59	1544.8	0.8	1546.3	1541.3	52	0.1	4.9	-5.5	59	28.68	0.37	29.30	27.17	56	-0.21	0.95	-3.05		
20.	58	1545.0	0.8	1546.4	1541.4	53	0.5	3.0	0.3	58	28.66	0.36	29.28	27.16	58	-0.33	0.61	-9.75		
30.	58	1545.2	0.8	1546.5	1541.6	55	0.9	3.0	-1.8	58	28.67	0.36	29.26	27.15	58	0.07	0.91	-1.16		
50.	58	1545.5	1.0	1547.1	1541.8	52	-0.5	1.5	-7.6	58	28.62	0.42	29.30	27.09	58	-0.52	0.34	-3.73		
75.	58	1542.9	1.2	1545.8	1539.7	55	-5.6	-2.0	-12.0	58	27.19	0.59	28.52	25.75	58	-2.92	-0.46	-5.79		
100.	58	1539.2	1.2	1543.1	1536.5	56	-3.5	-0.8	-8.4	58	25.36	0.57	27.11	24.18	58	-1.84	-0.30	-4.11		
125.	58	1536.6	1.3	1539.5	1534.0	57	-3.4	-0.9	-7.6	58	24.03	0.53	25.17	23.00	58	-1.67	-0.66	-3.65		
150.	58	1533.4	1.4	1536.3	1530.8	53	-4.6	-1.8	-7.3	58	22.56	0.55	23.72	21.55	58	-2.01	-1.07	-3.17		
200.	58	1527.4	1.0	1531.0	1524.8	51	-2.3	-1.0	-4.8	58	20.01	0.40	21.36	19.11	58	-1.01	-0.51	-1.96		
250.	58	1524.8	0.8	1528.4	1523.0	55	-1.3	-0.3	-2.6	58	18.82	0.32	20.10	18.22	58	-0.64	-0.18	-1.09		
300.	57	1523.3	0.7	1525.6	1521.6	49	-0.5	0.2	-1.6	58	18.04	0.29	18.84	17.51	56	-0.33	-0.10	-0.73		
400.	55	1521.1	1.6	1523.6	1518.4	47	-1.0	-0.2	-3.0	57	16.82	0.53	17.58	15.99	57	-0.46	-0.15	-0.84		
500.	37	1516.7	2.9	1521.6	1511.8	33	-1.7	-0.6	-3.0	38	14.95	0.87	16.36	13.54	38	-0.65	-0.34	-0.91		
600.	37	1510.2	2.7	1515.7	1506.1	32	-2.0	-1.5	-3.0	37	12.62	0.76	14.11	11.48	37	-0.71	-0.53	-1.07		
700.	37	1503.5	1.6	1506.4	1501.1	36	-2.0	-1.1	-3.0	37	10.32	0.43	11.12	9.66	37	-0.69	-0.44	-0.93		
800.	34	1497.9	1.1	1500.2	1495.5	27	-1.7	-0.9	-2.4	34	8.42	0.31	9.02	7.81	34	-0.57	-0.38	-0.77		
900.	29	1493.5	1.0	1495.3	1491.9	27	-1.3	-0.9	-3.0	30	6.88	0.25	7.34	6.48	30	-0.45	-0.30	-0.57		
1000.	24	1490.8	0.7	1492.1	1489.2	20	-0.6	-0.1	-1.2	24	5.80	0.18	6.13	5.41	24	-0.28	-0.16	-0.43		
1100.	20	1489.7	0.4	1490.3	1488.9	17	-0.3	0.1	-0.6	21	5.11	0.10	5.32	4.92	21	-0.19	-0.10	-0.28		
1200.	18	1489.8	0.4	1490.2	1489.0	13	0.1	0.2	-0.0	19	4.74	0.09	4.85	4.55	18	-0.10	-0.05	-0.15		
1300.	15	1490.5	0.3	1491.0	1489.9	14	0.2	0.3	0.2	16	4.51	0.07	4.61	4.37	16	-0.07	-0.05	-0.10		
1400.	14	1491.4	0.3	1492.0	1491.0	14	0.3	0.4	0.2	15	4.33	0.07	4.44	4.22	15	-0.05	-0.04	-0.07		
1500.	12	1492.4	0.2	1492.9	1491.7	11	0.3	0.4	0.2	14	4.17	0.07	4.27	4.01	14	-0.05	-0.02	-0.07		
1750.	1	1495.6	0.0	1495.6	1495.6	1	0.4	0.4	0.4	1	3.93	0.00	3.93	3.93	1	-0.03	-0.03	-0.03		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	14	1539.0	1.1	1541.7	1538.4	0	0	0.0	0.0	0.0	14	26.02	0.46	27.22	25.76	0	0.00	0.00
10.	14	1539.2	1.1	1541.9	1538.6	14	0.5	0.9	0.3	0.3	14	26.03	0.46	27.24	25.79	14	0.02	-0.09
20.	14	1539.3	1.1	1542.0	1538.8	14	0.5	0.6	0.8	0.8	14	26.03	0.46	27.22	25.81	14	0.03	-0.12
30.	14	1539.5	1.1	1542.2	1539.0	14	0.6	0.9	0.3	0.3	14	26.04	0.46	27.22	25.81	14	0.03	-0.06
50.	14	1539.9	1.1	1542.5	1539.3	14	0.5	0.6	0.5	0.5	14	26.05	0.46	27.23	25.82	14	0.00	-0.10
75.	14	1540.1	1.0	1542.9	1539.6	13	0.3	0.6	-0.4	-0.4	14	25.99	0.42	27.23	25.78	14	-0.04	-0.43
100.	14	1540.4	0.8	1543.3	1539.8	12	0.2	0.8	-3.0	-3.0	14	25.94	0.37	27.21	25.69	13	1.93	26.44
125.	14	1539.0	0.6	1540.2	1538.0	14	-3.0	-1.8	-5.2	-5.2	14	25.07	0.26	25.52	24.55	14	-1.62	-2.59
150.	14	1536.9	0.5	1537.7	1535.6	14	-2.4	-1.2	-4.3	-4.3	14	23.98	0.21	24.31	23.38	14	-1.25	-1.98
200.	14	1530.5	0.5	1531.2	1529.7	13	-3.8	-2.6	-5.8	-5.8	14	21.16	0.18	21.43	20.87	14	-1.63	-2.36
250.	14	1525.3	0.6	1526.7	1524.3	13	-2.4	-1.5	-2.9	-2.9	14	18.99	0.22	19.49	18.66	14	-1.02	-1.21
300.	14	1523.4	0.2	1524.0	1523.0	14	-1.1	-0.4	-1.6	-1.6	14	18.07	0.09	18.27	17.93	14	-0.53	-0.74
400.	13	1521.4	0.7	1522.1	1519.7	13	-0.9	-0.5	-1.7	-1.7	14	16.90	0.23	17.14	16.38	14	-0.43	-0.74
500.	7	1515.5	0.9	1516.7	1513.8	7	-2.0	-1.6	-3.0	-3.0	7	14.61	0.28	14.95	14.06	7	-0.75	-0.91
600.	7	1508.7	0.9	1509.5	1507.3	7	-2.2	-1.5	-3.0	-3.0	7	12.17	0.26	12.42	11.75	7	-0.71	-0.81
700.	7	1502.9	0.7	1503.6	1501.6	7	-1.8	-1.5	-1.9	-1.9	7	10.16	0.19	10.35	9.81	7	-0.61	-0.66
800.	7	1497.7	0.6	1498.3	1496.5	7	-1.6	-1.5	-1.7	-1.7	7	8.35	0.16	8.51	8.04	7	-0.57	-0.61
900.	7	1492.5	0.5	1493.4	1491.6	7	-1.6	-1.4	-1.8	-1.8	7	6.62	0.14	6.83	6.39	7	-0.53	-0.57
1000.	7	1489.3	0.6	1490.3	1488.6	7	-1.0	-0.7	-1.1	-1.1	7	5.42	0.15	5.67	5.26	7	-0.34	-0.39
1100.	7	1488.9	0.3	1489.5	1488.6	7	-0.1	-0.0	-0.4	-0.4	7	4.92	0.07	5.07	4.86	7	-0.15	-0.21
1200.	6	1489.1	0.1	1489.3	1488.9	6	0.1	0.1	0.1	0.1	6	4.57	0.03	4.62	4.53	6	-0.11	-0.15
1300.	6	1489.9	0.1	1490.0	1489.8	6	0.2	0.3	0.2	0.2	6	4.36	0.02	4.39	4.33	6	-0.06	-0.09
1400.	6	1490.9	0.0	1491.1	1490.8	6	0.3	0.3	0.3	0.3	6	4.19	0.02	4.22	4.18	6	-0.05	-0.05
1500.	5	1492.0	0.0	1492.1	1491.9	5	0.3	0.4	0.3	0.3	5	4.06	0.02	4.08	4.04	5	-0.04	-0.05
1750.	5	1495.3	0.0	1495.3	1495.1	5	0.4	0.4	0.4	0.4	5	3.84	0.02	3.85	3.81	5	-0.03	-0.03

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 80 FOR MONTH 12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	52	1538.5	0.1	1539.7	1537.8	0	0.0	0.0	0.0	0.0	52	25.76	0.17	26.22	25.49
10.	52	1538.7	0.1	1539.7	1538.0	52	0.6	1.2	0.3	0.3	52	25.77	0.15	26.15	25.49
20.	52	1538.8	0.0	1539.7	1538.1	52	0.5	1.2	0.3	0.3	52	25.77	0.14	26.08	25.49
30.	52	1539.0	0.0	1539.8	1538.3	52	0.5	0.9	0.3	0.3	52	25.77	0.13	26.07	25.48
50.	52	1539.3	0.2	1540.1	1538.5	52	0.5	1.4	0.2	0.2	52	25.76	0.13	26.04	25.48
75.	52	1539.6	0.1	1540.4	1538.7	51	0.4	1.2	-1.5	-1.5	52	25.72	0.13	26.01	25.36
100.	52	1539.6	0.5	1540.7	1537.8	52	-0.5	1.2	-9.1	-9.1	52	25.54	0.29	25.98	24.71
125.	51	1537.7	0.9	1539.8	1535.8	51	-2.7	-0.6	-11.2	-11.2	51	24.49	0.45	25.41	23.75
150.	51	1534.7	1.7	1538.2	1531.5	48	-4.4	-1.2	-7.9	-7.9	51	23.09	0.70	24.52	21.86
200.	50	1528.2	2.3	1536.7	1525.8	47	-3.5	-1.5	-6.2	-6.2	50	20.35	0.86	23.57	19.48
250.	45	1524.8	2.3	1533.5	1523.4	44	-1.5	-0.5	-3.2	-3.2	45	18.84	0.84	22.01	18.34
300.	43	1523.3	2.0	1530.8	1522.2	41	-0.9	-0.5	-2.0	-2.0	43	18.07	0.70	20.70	17.67
400.	42	1520.7	1.2	1525.3	1519.5	42	-0.9	-0.6	-2.0	-2.0	42	16.70	0.40	18.24	16.33
500.	7	1516.2	2.5	1519.1	1513.2	7	-1.9	-1.3	-2.4	-2.4	7	14.81	0.74	15.71	13.95
600.	7	1509.4	2.6	1512.5	1506.8	6	-2.1	-1.7	-2.4	-2.4	7	12.40	0.72	13.27	11.65
700.	6	1503.8	2.5	1506.4	1500.3	6	-1.9	-1.6	-2.1	-2.1	6	10.39	0.67	11.11	9.46
800.	6	1497.8	2.6	1500.9	1494.8	6	-1.8	-1.6	-2.0	-2.0	6	8.39	0.69	9.22	7.61
900.	6	1492.7	2.8	1496.3	1489.2	6	-1.5	-1.3	-1.8	-1.8	6	6.68	0.70	7.58	5.80
1000.	5	1489.7	2.4	1492.5	1487.2	5	-0.8	-0.6	-1.2	-1.2	5	5.52	0.59	6.21	4.92
1100.	3	1488.0	1.1	1489.2	1487.3	3	-0.1	0.1	-0.3	-0.3	3	4.70	0.25	4.99	4.53
1200.	3	1488.8	0.8	1489.7	1488.1	3	0.3	0.4	0.2	0.2	3	4.49	0.20	4.71	4.33
1300.	3	1489.8	0.4	1490.3	1489.5	3	0.3	0.4	0.2	0.2	3	4.35	0.10	4.47	4.27
1400.	3	1490.9	0.3	1491.2	1490.6	3	0.3	0.3	0.3	0.3	3	4.20	0.07	4.28	4.14
1500.	3	1492.0	0.3	1492.3	1491.8	3	0.3	0.4	0.3	0.3	3	4.06	0.07	4.14	4.01
1750.	2	1494.7	0.7	1495.2	1494.2	2	0.4	0.4	0.4	0.4	2	3.71	0.18	3.83	3.58

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 1

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	2	1535.6	1.7	1536.8	1534.4	0	0.0	0.0	0.0	2	24.64	0.81	25.21	24.06	0	0.00	0.00	0.00		
10.	2	1535.9	1.8	1537.2	1534.6	2	0.9	1.2	0.6	2	24.67	0.81	25.24	24.09	2	0.09	0.09	0.09		
20.	2	1536.1	1.9	1537.4	1534.7	2	0.5	0.6	0.3	2	24.65	0.85	25.25	24.05	2	-0.05	0.03	-0.12		
30.	2	1536.3	1.9	1537.6	1534.9	2	0.6	0.6	0.6	2	24.65	0.86	25.25	24.04	2	-0.02	-0.03	-0.03		
50.	2	1536.4	1.7	1537.6	1535.2	2	0.2	0.5	0.5	2	24.58	0.75	25.11	24.05	2	-0.10	0.02	-0.21		
75.	2	1536.8	1.6	1537.9	1535.6	2	0.4	0.5	0.4	2	24.56	0.71	25.06	24.05	2	-0.03	-0.06	-0.06		
100.	2	1537.0	1.3	1537.9	1536.0	2	0.2	0.5	0.5	2	24.41	0.55	24.80	24.02	2	-0.18	-0.04	-0.32		
125.	2	1535.9	0.2	1536.0	1535.7	2	-1.3	-0.4	-2.3	2	23.79	0.04	23.82	23.76	2	-0.76	-0.32	-1.19		
150.	2	1534.6	1.3	1535.5	1533.6	2	-1.6	-0.2	-2.9	2	23.08	0.59	23.49	22.66	2	-0.87	-0.33	-1.41		
200.	2	1528.0	1.6	1529.1	1526.8	2	-4.0	-3.9	-4.1	2	20.25	0.59	20.68	19.83	2	-1.73	-1.73	-1.73		
250.	2	1524.9	1.0	1525.6	1524.2	2	-1.9	-1.6	-2.1	2	18.86	0.34	19.10	18.62	2	-0.84	-0.74	-0.95		
300.	2	1524.2	0.6	1524.6	1523.7	2	-0.5	-0.3	-0.6	2	18.32	0.22	18.47	18.16	2	-0.33	-0.28	-0.38		
400.	2	1523.8	0.7	1524.3	1523.3	2	-0.1	-0.1	-0.1	2	17.67	0.22	17.82	17.51	2	-0.19	-0.19	-0.20		
500.	1	1523.3	0.0	1523.3	1523.3	1	-0.7	-0.7	-0.7	1	16.98	0.00	16.98	16.98	1	-0.39	-0.39	-0.39		
600.	1	1520.0	0.0	1520.0	1520.0	1	-1.0	-1.0	-1.0	1	15.45	0.00	15.45	15.45	1	-0.47	-0.47	-0.47		
700.	1	1514.9	0.0	1514.9	1514.9	1	-1.7	-1.7	-1.7	1	13.49	0.00	13.49	13.49	1	-0.64	-0.64	-0.64		
800.	1	1509.2	0.0	1509.2	1509.2	1	-1.7	-1.7	-1.7	1	11.43	0.00	11.43	11.43	1	-0.63	-0.63	-0.63		
900.	1	1502.4	0.0	1502.4	1502.4	1	-2.2	-2.2	-2.2	1	9.18	0.00	9.18	9.18	1	-0.70	-0.70	-0.70		
1000.	1	1497.3	0.0	1497.3	1497.3	1	0.0	0.0	0.0	1	7.43	0.00	7.43	7.43	1	-0.30	-0.30	-0.30		
1100.	1	1495.1	0.0	1495.1	1495.1	1	-0.7	-0.7	-0.7	1	6.46	0.00	6.46	6.46	1	-0.30	-0.30	-0.30		
1200.	1	1493.3	0.0	1493.3	1493.3	1	-0.6	-0.6	-0.6	1	5.59	0.00	5.59	5.59	1	-0.27	-0.27	-0.27		
1300.	1	1492.3	0.0	1492.3	1492.3	1	-0.1	-0.1	-0.1	1	4.94	0.00	4.94	4.94	1	-0.13	-0.13	-0.13		
1400.	1	1492.5	0.0	1492.5	1492.5	1	0.2	0.2	0.2	1	4.59	0.00	4.59	4.59	1	-0.07	-0.07	-0.07		
1500.	1	1493.2	0.0	1493.2	1493.2	1	0.2	0.2	0.2	1	4.35	0.00	4.35	4.35	1	-0.07	-0.07	-0.07		
1750.	1	1495.4	0.0	1495.4	1495.4	1	0.0	0.0	0.0	1	3.88	0.00	3.88	3.88	1	-0.04	-0.04	-0.04		
2000.	1	1498.6	0.0	1498.6	1498.6	1	0.4	0.4	0.4	1	3.63	0.00	3.63	3.63	1	-0.03	-0.03	-0.03		
2500.	1	1505.2	0.0	1505.2	1505.2	1	0.4	0.4	0.4	1	3.17	0.00	3.17	3.17	1	-0.03	-0.03	-0.03		
3000.	1	1512.1	0.0	1512.1	1512.1	1	0.4	0.4	0.4	1	2.78	0.00	2.78	2.78	1	-0.02	-0.02	-0.02		

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 2

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	18	1529.0	3.1	1534.1	1522.5	0	0.0	0.0	0.0	24	22.08	1.10	23.92	19.35	0	0.00	0.00	0.00		
10.	17	1529.1	3.2	1534.3	1522.5	17	0.3	1.8	-1.8	23	22.08	1.12	23.91	19.34	23	-0.06	0.61	-0.79		
20.	17	1529.2	3.2	1534.4	1522.5	17	0.3	0.9	-0.9	23	22.06	1.13	23.88	19.33	23	-0.06	0.21	-0.58		
30.	17	1529.2	3.3	1534.4	1522.6	16	0.1	1.8	-1.5	23	22.00	1.14	23.81	19.33	22	-0.21	0.42	-1.49		
50.	17	1529.0	3.3	1534.3	1522.8	17	-0.4	0.8	-3.2	23	21.85	1.18	23.66	19.26	23	-0.29	0.06	-1.39		
75.	17	1528.6	3.4	1534.5	1522.5	17	-0.5	2.0	-3.0	23	21.59	1.23	23.54	19.01	23	-0.27	0.51	-1.33		
100.	17	1527.8	3.4	1534.6	1520.6	17	-1.0	3.0	-3.0	23	21.23	1.25	23.41	18.20	23	-0.61	0.06	-1.34		
125.	17	1526.8	3.2	1534.0	1521.0	17	-1.5	0.5	-2.7	23	20.71	1.29	23.01	18.19	23	-0.59	0.01	-1.24		
150.	15	1526.0	3.0	1533.3	1521.3	15	-1.4	0.4	-3.4	23	20.18	1.20	22.54	18.17	23	-0.68	-0.02	-1.49		
200.	16	1524.3	2.2	1531.3	1521.7	16	-0.6	0.2	-1.6	22	19.30	0.91	21.43	18.07	21	-0.55	-0.06	-1.22		
250.	16	1523.5	1.4	1527.3	1521.4	16	-0.4	0.2	-2.4	22	18.60	0.55	19.71	17.67	22	-0.35	-0.09	-1.05		
300.	15	1523.3	0.9	1524.6	1521.7	15	-0.1	0.6	-1.6	21	18.20	0.38	18.93	17.50	21	-0.22	-0.03	-0.76		
400.	15	1522.7	1.2	1524.9	1520.3	14	-0.3	0.1	-0.9	21	17.46	0.39	18.04	16.55	20	-0.25	-0.12	-0.41		
500.	13	1520.6	2.3	1523.9	1515.1	13	-0.8	-0.3	-1.8	19	16.28	0.63	17.19	14.47	19	-0.40	-0.17	-0.79		
600.	14	1515.6	3.1	1520.9	1510.4	14	-1.7	-0.8	-2.4	20	14.34	0.83	15.74	12.67	20	-0.69	-0.40	-1.34		
700.	14	1509.5	2.9	1513.4	1504.8	13	-2.0	-1.6	-2.5	20	12.10	0.72	13.04	10.65	20	-0.70	-0.57	-0.91		
800.	14	1503.4	2.9	1507.7	1498.7	13	-1.9	-1.6	-2.1	20	9.98	0.66	11.11	8.61	19	-0.66	-0.55	-0.81		
900.	13	1498.3	2.8	1502.8	1493.4	12	-1.7	-1.1	-3.0	19	8.15	0.60	9.27	6.85	19	-0.56	-0.41	-0.68		
1000.	13	1494.6	2.2	1498.3	1491.0	13	-1.0	-0.5	-1.4	19	6.79	0.48	7.68	5.83	19	-0.36	-0.21	-0.48		
1100.	12	1492.6	1.7	1495.2	1489.8	11	-0.6	-0.2	-0.9	18	5.89	0.38	6.49	5.12	17	-0.26	-0.16	-0.36		
1200.	12	1491.6	1.2	1493.1	1489.2	12	-0.3	0.0	-0.6	18	5.23	0.29	5.77	4.57	18	-0.19	-0.11	-0.29		
1300.	12	1491.4	1.0	1492.9	1489.0	12	-0.0	0.2	-0.3	18	4.78	0.25	5.32	4.14	18	-0.12	-0.06	-0.20		
1400.	12	1491.7	0.9	1493.0	1489.3	12	0.2	0.4	0.0	18	4.46	0.22	4.92	3.82	18	-0.06	-0.04	-0.12		
1500.	12	1492.5	0.6	1493.3	1490.9	11	0.3	0.8	0.1	18	4.23	0.15	4.57	3.80	18	-0.07	-0.03	-0.11		
1750.	12	1495.2	0.2	1495.8	1494.8	12	0.4	0.5	0.2	18	3.85	0.09	3.99	3.67	18	-0.04	-0.00	-0.06		
2000.	11	1498.5	0.4	1499.5	1497.9	10	0.4	0.5	0.4	17	3.61	0.08	3.84	3.40	17	-0.03	-0.01	-0.04		
2500.	11	1505.2	0.2	1505.6	1504.8	11	0.4	0.4	0.3	17	3.19	0.07	3.34	3.09	17	-0.03	-0.02	-0.04		
3000.	5	1512.2	0.0	1512.4	1512.0	4	0.4	0.4	0.4	11	2.80	0.06	2.95	2.74	10	-0.02	-0.01	-0.04		
4000.	5	1527.9	0.2	1528.1	1527.6	5	0.5	0.5	0.5	11	2.39	0.04	2.46	2.33	11	-0.00	-0.00	-0.01		
5000.	3	1545.1	0.1	1545.2	1545.0	3	0.5	0.5	0.5	5	2.27	0.02	2.30	2.24	4	-0.01	-0.00	-0.03		

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1528.8	0.0	1528.8	1528.8	0	0.0	1.22	24.18	21.83	0	0.00	0.00	0.00
10.	1	1529.0	0.0	1529.0	1529.0	1	1.0	1.22	24.19	21.81	3	-0.15	0.03	-0.37
20.	1	1529.1	0.0	1529.1	1529.1	1	0.6	1.22	24.19	21.80	3	-0.11	-0.06	-0.27
30.	1	1529.3	0.0	1529.3	1529.3	1	0.8	1.18	24.13	21.81	3	-0.13	0.04	-0.24
50.	1	1529.6	0.0	1529.6	1529.6	1	0.4	1.07	23.91	21.81	3	-0.06	-0.02	-0.17
75.	1	1530.0	0.0	1530.0	1530.0	1	1.0	1.04	23.79	21.78	3	-0.09	0.04	-0.21
100.	1	1530.3	0.0	1530.3	1530.3	1	0.4	0.97	23.56	21.74	3	-0.52	0.02	-1.52
125.	1	1529.3	0.0	1529.3	1529.3	1	-2.0	0.92	22.97	21.18	3	-0.90	-0.33	-1.39
150.	1	1527.8	0.0	1527.8	1527.8	0	0.0	1.11	22.69	20.47	1	-0.84	-0.84	-0.84
200.	1	1525.5	0.0	1525.5	1525.5	1	-1.4	1.42	22.10	19.33	3	-1.04	-0.69	-1.52
250.	1	1524.2	0.0	1524.2	1524.2	1	-0.6	0.68	19.95	18.62	3	-0.47	-0.30	-0.70
300.	1	1523.4	0.0	1523.4	1523.4	1	-0.4	0.66	19.34	18.07	2	-0.25	-0.18	-0.33
400.	1	1522.8	0.0	1522.8	1523.8	1	0.3	0.72	18.11	17.42	3	-0.26	-0.10	-0.37
500.	1	1522.3	0.0	1522.3	1522.3	1	-1.4	0.48	16.84	15.93	3	-0.54	-0.49	-0.61
600.	1	1517.5	0.0	1517.5	1517.5	1	-1.4	0.51	15.10	14.09	3	-0.67	-0.57	-0.72
700.	1	1512.0	0.0	1512.0	1512.0	1	-1.8	0.53	12.89	11.87	3	-0.67	-0.65	-0.68
800.	1	1505.0	0.0	1505.0	1505.0	1	-2.4	0.50	10.86	9.86	3	-0.67	-0.61	-0.77
900.	1	1498.2	0.0	1498.2	1498.2	1	-1.9	0.53	8.98	8.06	3	-0.59	-0.55	-0.64
1000.	1	1493.0	0.0	1493.0	1493.0	1	-1.3	0.55	7.42	6.34	3	-0.39	-0.30	-0.46
1100.	1	1490.3	0.0	1490.3	1490.3	1	-0.5	0.48	6.22	5.26	3	-0.30	-0.24	-0.37
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.13	5.27	5.08	2	-0.08	-0.08	-0.09
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.11	4.97	4.81	2	-0.09	-0.08	-0.09
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.09	4.70	4.57	2	-0.08	-0.07	-0.08
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.07	4.45	4.35	0	0.00	0.00	0.00
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.04	3.94	3.88	2	-0.06	-0.06	-0.06
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.02	3.58	3.55	2	-0.02	-0.02	-0.02
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.06	3.27	3.18	2	-0.03	-0.02	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.01	2.79	2.78	2	-0.03	-0.02	-0.03

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	15	1535.4	1.9	1538.5	1531.6	0	0.0	0.0	0.0	15	24.50	0.81	25.93	22.90	0	0.00	0.00	0.00
10.	15	1534.4	2.4	1538.7	1529.7	15	-3.3	0.7	-8.1	15	24.01	1.01	25.92	22.10	15	-1.61	-0.03	-3.59
20.	15	1533.6	3.1	1538.7	1527.9	15	-2.2	3.0	-7.3	15	23.59	1.27	25.85	21.33	15	-1.18	-0.12	-3.17
30.	15	1532.8	3.7	1538.6	1526.3	15	-2.8	0.3	-7.6	15	23.21	1.51	25.72	20.68	15	-1.26	-0.15	-3.20
50.	15	1531.3	4.6	1537.9	1524.1	15	-2.1	-0.2	-4.4	15	22.51	1.81	25.25	19.77	15	-0.93	-0.26	-1.86
75.	15	1530.1	4.1	1535.5	1524.2	14	-1.5	0.1	-3.0	15	21.85	1.57	24.03	19.63	15	-0.85	-0.15	-1.49
100.	15	1528.7	3.4	1533.3	1524.0	15	-1.6	-0.5	-3.7	15	21.16	1.27	22.93	19.41	15	-0.81	-0.17	-1.53
125.	15	1527.6	2.8	1531.7	1523.8	15	-1.4	-0.1	-3.2	15	20.58	1.01	22.12	19.19	15	-0.71	-0.24	-1.40
150.	15	1526.7	2.3	1530.2	1523.5	14	-1.1	-0.2	-2.7	15	20.07	0.81	21.37	18.94	15	0.52	16.15	-1.16
200.	15	1525.2	1.5	1527.5	1523.2	15	-0.8	-0.2	-1.7	15	19.26	0.53	20.06	18.57	15	-0.47	-0.21	-0.80
250.	15	1524.4	0.9	1526.0	1522.9	14	-0.3	0.3	-1.2	15	18.68	0.33	19.29	18.20	14	-0.30	-0.08	-0.57
300.	15	1523.9	0.8	1525.7	1522.7	15	-0.0	3.0	-0.9	15	18.23	0.27	18.88	17.85	15	-0.23	-0.10	-0.43
400.	15	1523.3	0.8	1524.7	1522.3	15	-0.1	0.3	-0.8	15	17.50	0.27	17.94	17.21	15	-0.19	-0.06	-0.42
500.	15	1521.6	1.3	1524.2	1519.1	15	-0.8	-0.3	-1.5	15	16.45	0.41	17.29	15.69	15	-0.41	-0.17	-0.61
600.	15	1516.9	2.3	1523.8	1514.3	14	-1.6	-1.0	-2.0	15	14.55	0.70	16.63	13.79	15	-0.65	-0.48	-0.75
700.	15	1510.3	3.1	1518.5	1506.9	15	-2.1	-1.5	-3.0	15	12.19	0.87	14.53	11.27	15	-0.75	-0.30	-0.96
800.	15	1503.5	3.5	1513.5	1500.4	15	-2.1	-1.1	-3.8	15	9.90	0.94	12.63	9.09	15	-0.69	-0.44	-1.07
900.	15	1497.9	2.4	1504.3	1495.0	13	-1.6	-0.3	-3.2	15	8.00	0.63	9.68	7.27	15	-0.53	-0.22	-0.95
1000.	15	1493.8	1.7	1498.0	1492.0	13	-1.1	0.7	-2.0	15	6.54	0.43	7.63	6.09	15	-0.39	0.07	-0.64
1100.	15	1491.6	1.2	1494.2	1489.7	15	-0.4	-0.1	-0.9	15	5.57	0.30	6.25	5.14	15	-0.22	-0.14	-0.35
1200.	15	1490.9	0.8	1492.8	1489.6	13	-0.1	0.3	-0.4	15	5.00	0.20	5.47	4.69	15	-0.15	-0.04	-0.26
1300.	15	1491.0	0.5	1491.9	1489.9	15	0.1	0.5	-0.2	15	4.63	0.13	4.85	4.36	15	-0.10	-0.02	-0.17
1400.	15	1491.5	0.5	1492.3	1490.3	14	0.2	0.4	-0.1	15	4.36	0.12	4.54	4.06	15	-0.08	-0.03	-0.13
1500.	15	1492.3	0.4	1492.9	1491.5	14	0.2	0.5	-0.1	15	4.14	0.09	4.29	3.94	15	-0.06	-0.01	-0.13
1750.	15	1495.1	0.1	1495.5	1494.7	15	0.4	0.5	0.3	15	3.79	0.04	3.90	3.72	15	-0.03	-0.02	-0.06
2000.	14	1498.3	0.1	1498.5	1497.9	12	0.4	0.5	0.3	14	3.56	0.04	3.61	3.48	14	-0.03	-0.02	-0.05
2500.	7	1505.0	0.2	1505.5	1504.8	6	0.4	0.5	0.4	7	3.14	0.06	3.25	3.08	7	-0.03	-0.02	-0.03
3000.	7	1512.0	0.2	1512.2	1511.7	7	0.4	0.5	0.4	7	2.76	0.04	2.82	2.69	7	-0.02	-0.02	-0.02
4000.	6	1527.6	0.1	1527.8	1527.4	6	0.5	0.6	0.5	6	2.34	0.03	2.39	2.30	6	-0.00	-0.00	-0.01
5000.	3	1545.0	0.1	1545.0	1544.9	3	0.5	0.5	0.5	3	2.24	0.02	2.25	2.22	3	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 5

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0-	10	1534.2	2.6	1539.6	1530.7	0	0.0	0.0	0.0	10	24.03	1.17	26.47	22.54	0	0.00	0.00	0.00		
10-	10	1533.6	1.9	1537.4	1530.8	10	-1.8	0.6	-11.6	10	23.71	0.83	25.39	22.53	10	-1.06	0.03	-5.24		
20-	10	1532.8	2.1	1536.4	1529.4	10	-3.4	0.6	-11.0	10	23.28	0.93	24.83	21.87	10	-1.54	-0.15	-4.50		
30-	10	1531.6	2.3	1535.1	1528.1	10	-4.0	-1.5	-9.1	10	22.72	0.95	24.27	21.32	10	-1.92	-0.30	-3.86		
50-	10	1529.1	2.8	1533.5	1525.2	10	-4.4	-1.5	-6.1	10	21.59	1.08	23.29	20.16	10	-1.85	-0.91	-2.68		
75-	10	1526.8	2.9	1532.2	1523.9	10	-2.0	0.8	-3.5	10	20.57	1.06	22.60	19.52	10	-0.93	-0.15	-1.48		
100-	10	1525.8	2.7	1531.0	1523.1	10	-1.5	-0.3	-3.0	10	20.04	0.99	21.96	19.13	10	-0.68	-0.24	-1.22		
125-	10	1524.9	2.2	1529.4	1522.0	10	-1.1	-0.2	-2.4	10	19.57	0.79	21.20	18.89	10	-0.58	-0.22	-1.05		
150-	10	1524.3	1.8	1528.0	1522.6	10	-0.6	0.2	-1.5	10	19.20	0.62	20.53	18.63	10	-0.40	-0.13	-0.76		
200-	10	1523.6	1.0	1525.8	1522.3	10	-0.4	0.1	-1.5	10	18.69	0.36	19.46	18.33	10	-0.27	-0.15	-0.56		
250-	10	1523.2	0.7	1524.9	1522.5	10	-0.2	0.3	-0.5	10	18.29	0.25	18.85	18.05	10	-0.23	-0.10	-0.37		
300-	10	1523.2	0.5	1524.3	1522.6	10	-0.0	0.3	-0.6	10	17.99	0.17	18.36	17.82	10	-0.16	-0.06	-0.34		
400-	10	1522.9	1.0	1524.4	1521.2	10	-0.0	0.8	-0.6	10	17.36	0.30	17.85	16.86	10	-0.20	-0.07	-0.35		
500-	10	1520.3	1.9	1522.9	1517.0	10	-0.8	-0.5	-1.3	10	16.06	0.57	16.86	15.07	10	-0.42	-0.13	-0.54		
600-	10	1515.2	2.7	1518.9	1510.0	10	-1.9	-1.2	-2.4	10	14.06	0.79	15.13	12.59	10	-0.70	-0.52	-0.82		
700-	10	1508.6	2.8	1513.1	1503.8	9	-2.1	-1.9	-2.4	10	11.70	0.77	12.97	10.43	9	-0.75	-0.66	-0.91		
800-	10	1502.0	2.7	1506.5	1498.5	10	-1.9	-1.0	-2.3	10	9.51	0.73	10.69	8.58	10	-0.64	-0.51	-0.74		
900-	10	1496.4	2.2	1499.9	1493.0	10	-1.7	-1.0	-2.3	10	7.62	0.57	8.53	6.75	10	-0.56	-0.39	-0.71		
1000-	10	1492.8	1.5	1494.7	1490.3	10	-0.9	-0.7	-1.6	10	6.28	0.36	6.76	5.68	10	-0.34	-0.15	-0.55		
1100-	10	1491.2	1.1	1493.1	1489.9	10	-0.4	-0.1	-0.7	10	5.48	0.26	5.93	5.15	10	-0.22	-0.14	-0.30		
1200-	10	1490.7	0.8	1492.5	1489.8	10	-0.1	-0.0	-0.3	10	4.96	0.21	5.38	4.74	10	-0.14	-0.11	-0.19		
1300-	10	1490.9	0.8	1492.8	1490.2	10	0.1	0.3	-0.2	10	4.60	0.19	5.05	4.43	10	-0.09	-0.06	-0.16		
1400-	10	1491.6	0.6	1493.2	1491.0	9	0.2	0.4	0.1	10	4.37	0.15	4.74	4.24	10	-0.07	-0.02	-0.10		
1500-	10	1492.5	0.5	1493.7	1492.0	9	0.3	0.4	0.2	10	4.18	0.12	4.47	4.06	10	-0.05	-0.03	-0.07		
1750-	10	1495.3	0.4	1496.1	1494.7	10	0.4	0.6	0.3	10	3.85	0.10	4.03	3.72	10	-0.04	-0.02	-0.05		
2000-	10	1498.4	0.4	1498.9	1497.4	9	0.4	0.5	0.4	10	3.58	0.10	3.70	3.35	10	-0.03	-0.03	-0.03		
2500-	10	1504.9	0.5	1505.9	1503.9	10	0.4	0.5	0.4	10	3.12	0.11	3.34	2.87	10	-0.03	-0.01	-0.03		
3000-	10	1512.0	0.6	1513.5	1511.0	10	0.4	0.5	0.4	10	2.75	0.15	3.10	2.53	10	-0.02	-0.01	-0.03		
4000-	8	1527.7	0.3	1528.2	1527.1	8	0.5	0.6	0.4	8	2.36	0.08	2.47	2.23	8	-0.01	-0.00	-0.02		
5000-	2	1544.8	0.3	1545.0	1544.6	2	0.5	0.5	0.5	2	2.20	0.06	2.24	2.15	2	-0.01	-0.01	-0.01		

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FUR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1538.8	3.4	1547.3	1535.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	10	1537.6	3.1	1542.8	1533.1	10	-4.0	0.7	-15.2	10	25.49	1.33	27.70	23.59
20.	10	1535.8	3.4	1540.6	1530.7	10	-6.0	0.3	-13.4	10	24.62	1.43	26.79	22.51
30.	10	1533.7	3.8	1539.8	1528.5	10	-6.7	-4.0	-10.4	10	23.66	1.55	26.33	21.56
40.	10	1530.3	4.4	1537.4	1523.4	10	-3.6	-1.5	-7.8	10	22.12	1.72	25.05	19.52
50.	10	1528.2	4.3	1535.9	1521.9	10	-2.6	-1.7	-3.9	10	21.13	1.63	24.18	18.86
60.	10	1526.7	4.1	1534.6	1521.2	10	-1.0	-0.6	-3.0	10	20.41	1.55	23.43	18.46
70.	10	1526.0	3.8	1533.7	1521.4	10	-1.0	0.2	-3.0	10	20.00	1.39	22.90	18.38
80.	10	1525.3	3.4	1532.8	1521.5	10	-0.9	-0.1	-2.4	10	19.60	1.22	22.36	18.27
90.	10	1524.2	2.6	1530.7	1521.7	10	-1.2	1.0	-9.1	10	18.92	0.92	21.22	18.07
100.	10	1523.7	1.6	1527.9	1522.2	10	-0.1	0.4	-1.7	10	18.45	0.56	19.90	17.94
110.	10	1523.6	1.0	1526.1	1522.5	10	0.2	0.8	-0.5	10	18.15	0.34	18.98	17.77
120.	10	1523.7	0.8	1525.1	1522.7	10	-0.1	0.4	-0.6	10	17.62	0.26	18.08	17.32
130.	10	1521.9	1.1	1523.9	1520.3	9	-1.0	-0.6	-1.6	10	16.55	0.36	17.19	16.05
140.	10	1517.7	1.8	1520.5	1514.5	10	-1.4	-0.9	-1.8	10	14.78	0.54	15.60	13.85
150.	10	1512.1	2.7	1516.1	1507.1	9	-1.8	-1.4	-2.6	10	12.70	0.76	13.84	11.28
160.	10	1505.8	2.7	1511.5	1502.4	10	-2.1	-1.5	-2.6	10	10.51	0.75	12.05	9.59
170.	10	1499.6	2.8	1505.9	1496.7	10	-2.0	-1.7	-2.5	10	8.42	0.73	10.08	7.65
180.	10	1494.8	2.4	1500.3	1492.5	9	-1.1	-0.3	-1.6	10	6.80	0.62	8.21	6.22
190.	10	1492.9	1.7	1498.4	1491.3	10	-0.5	-0.1	-1.2	10	5.90	0.44	6.77	5.51
200.	10	1491.9	1.1	1494.1	1490.8	9	-0.1	-0.0	-0.5	10	5.25	0.27	5.91	4.98
210.	10	1491.8	0.7	1493.0	1491.0	10	-0.0	0.0	-0.3	10	4.81	0.16	5.12	4.63
220.	10	1492.1	0.4	1492.7	1491.6	8	0.1	0.2	-0.2	10	4.48	0.10	4.62	4.37
230.	10	1492.7	0.4	1493.4	1492.2	10	0.2	0.4	0.2	10	4.24	0.10	4.38	4.12
240.	10	1495.3	0.4	1495.7	1494.4	9	0.3	0.4	0.2	10	3.84	0.10	3.94	3.65
250.	9	1498.5	0.2	1498.8	1498.1	8	0.4	0.5	0.4	9	3.61	0.06	3.69	3.51
260.	7	1505.0	0.2	1505.3	1504.7	7	0.4	0.4	0.3	7	3.14	0.06	3.21	3.06
270.	6	1511.7	0.2	1512.3	1511.6	6	0.4	0.5	0.4	6	2.75	0.05	2.82	2.67
280.	5	1527.7	0.2	1528.0	1527.5	5	0.5	0.5	0.5	5	2.34	0.05	2.41	2.30
290.	1	1545.3	0.0	1545.3	1545.3	1	0.5	0.5	0.5	1	2.31	0.00	2.31	2.31

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1541.4	0.1	1541.4	1541.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	2	1541.5	0.1	1541.6	1541.4	2	0.5	0.6	0.3	0.3	2	-0.02	0.03	-0.06
20.	2	1541.7	0.1	1541.8	1541.6	2	0.6	0.6	0.6	0.6	2	-0.05	-0.09	-0.09
30.	2	1539.6	0.3	1539.8	1539.4	2	-6.4	-6.1	-6.7	-5.6	2	-3.26	-3.17	-3.35
50.	2	1536.0	0.1	1536.1	1535.9	2	-5.5	-5.3	-5.6	-4.3	2	-2.64	-2.55	-2.73
75.	2	1533.2	0.8	1533.7	1532.6	2	-3.5	-2.7	-4.3	-2.5	2	-1.62	-1.29	-1.94
100.	2	1530.8	1.1	1531.6	1530.0	2	-1.7	-0.8	-2.5	-2.2	2	-0.98	-0.76	-1.19
125.	2	1529.3	0.8	1529.9	1528.7	2	-1.9	-1.4	-2.2	-0.4	2	-0.89	-0.76	-1.02
150.	2	1527.9	0.4	1528.1	1527.6	2	-1.8	-1.3	-2.2	-0.7	2	-0.82	-0.64	-0.96
200.	2	1525.4	0.6	1525.8	1524.9	2	-1.0	-2.0	-2.0	-0.4	2	-0.75	-0.51	-0.90
250.	2	1524.4	0.5	1524.7	1524.0	2	-0.6	-0.5	-0.7	-0.4	2	-0.38	-0.34	-0.41
300.	2	1523.8	0.4	1524.0	1523.5	2	-0.4	-0.3	-0.4	-0.1	2	-0.23	-0.27	-0.31
400.	2	1523.9	0.3	1524.1	1523.7	2	0.1	0.1	0.1	0.1	2	-0.15	-0.14	-0.15
500.	2	1522.4	0.6	1522.8	1521.9	2	-0.5	-0.3	-0.7	-0.1	2	-0.31	-0.25	-0.37
600.	2	1518.3	0.1	1518.3	1518.2	2	-1.3	-1.1	-1.4	-1.6	2	-0.53	-0.49	-0.58
700.	2	1513.2	0.4	1513.4	1512.9	2	-1.6	-1.5	-1.6	-1.6	2	-0.60	-0.58	-0.62
800.	2	1506.5	0.8	1507.0	1505.9	2	-2.1	-2.0	-2.2	-1.8	2	-0.71	-0.68	-0.74
900.	2	1501.0	1.2	1501.8	1500.1	2	-1.7	-1.6	-1.8	-1.3	2	-0.55	-0.55	-0.60
1000.	2	1497.1	1.8	1498.3	1495.8	2	-1.1	-1.0	-1.3	-0.7	2	-0.41	-0.38	-0.45
1100.	2	1494.8	1.8	1496.0	1492.5	2	-0.6	-0.6	-0.7	-0.4	2	-0.29	-0.29	-0.29
1200.	2	1493.4	1.6	1494.5	1492.3	2	-0.4	-0.4	-0.4	-0.4	2	-0.23	-0.22	-0.24
1300.	2	1492.9	1.4	1493.9	1491.9	2	-0.1	-0.1	-0.2	-0.1	2	-0.16	-0.15	-0.16
1400.	2	1493.0	1.0	1493.7	1492.3	2	0.0	0.1	0.1	0.1	2	-0.11	-0.08	-0.14
1500.	2	1493.6	0.8	1494.2	1493.0	2	0.2	0.2	0.2	0.2	2	-0.08	-0.07	-0.08
1750.	2	1493.7	0.3	1494.1	1493.4	2	0.3	0.3	0.3	0.4	2	-0.05	-0.04	-0.07
2000.	2	1498.7	0.1	1498.8	1498.6	2	0.4	0.4	0.4	0.4	2	-0.03	-0.03	-0.04
2500.	2	1505.3	0.0	1505.3	1505.3	1	0.4	0.4	0.4	0.4	1	-0.03	-0.03	-0.03
3000.	2	1512.5	0.2	1512.5	1512.2	2	0.4	0.4	0.4	0.4	2	-0.02	-0.02	-0.02
4000.	2	1527.9	0.1	1527.9	1527.8	2	0.5	0.5	0.5	0.5	2	-0.01	-0.01	-0.01
5000.	2	1545.1	0.1	1545.2	1545.0	2	0.5	0.5	0.5	0.5	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	25	1540.2	1.4	1542.0	1537.6	0	0.0	0.0	0.0	76	26.58	0.68	27.49	25.42	0	0.00	0.00	0.00
10.	25	1540.4	1.3	1542.2	1537.7	25	0.7	5.2	-0.3	26	26.60	0.64	27.43	25.41	26	-0.05	1.95	-0.41
20.	25	1540.5	1.3	1542.4	1537.9	25	0.3	3.0	-3.0	26	26.59	0.62	27.40	25.39	26	-0.12	1.04	-1.83
30.	25	1540.5	1.3	1542.4	1538.0	25	-0.3	0.6	-3.4	26	26.48	0.61	27.35	25.39	26	-0.36	0.06	-1.80
50.	25	1539.1	2.0	1542.5	1534.9	24	-5.1	0.6	-18.3	26	25.69	0.90	27.29	23.87	26	-2.48	0.06	-7.32
75.	25	1534.3	3.4	1539.2	1528.7	24	-5.5	-2.0	-10.1	26	23.46	1.40	25.63	21.33	25	-2.46	-1.02	-4.40
100.	25	1530.9	3.9	1537.0	1525.4	22	-2.9	-0.8	-8.5	26	21.94	1.52	24.45	19.91	25	-1.50	-0.46	-3.91
125.	25	1528.9	3.6	1535.4	1524.1	25	-2.4	-0.9	-4.4	26	21.02	1.34	23.58	19.30	26	-1.10	-0.54	-1.98
150.	25	1527.3	3.2	1534.0	1523.2	23	-1.7	-0.6	-3.2	26	20.28	1.15	22.80	18.81	25	-0.80	-0.30	-1.43
200.	25	1525.4	2.2	1531.5	1522.7	22	-0.9	0.2	-2.5	26	19.31	0.76	21.51	18.38	26	-0.49	-0.05	-1.13
250.	25	1524.5	1.4	1529.3	1523.1	25	-0.5	1.0	-1.3	26	18.70	0.47	20.38	18.23	26	-0.34	-0.10	-0.69
300.	25	1524.0	0.8	1526.6	1523.0	25	-0.1	0.8	-1.6	26	18.26	0.26	19.12	17.95	26	-0.21	-0.01	-0.77
400.	23	1523.7	0.7	1525.5	1522.8	20	-0.2	0.1	-0.6	24	17.62	0.23	18.24	17.34	23	-0.21	-0.13	0.37
500.	23	1521.4	1.5	1526.1	1519.5	22	-1.0	0.3	-1.7	24	16.39	0.48	17.89	15.77	24	-0.47	-0.05	-0.67
600.	23	1517.0	2.6	1526.3	1513.7	18	-1.4	-0.3	-2.3	24	14.59	0.77	17.44	13.61	23	-0.58	-0.25	-0.84
700.	23	1511.3	3.7	1525.4	1505.7	23	-2.0	-0.3	-3.0	24	12.44	1.05	16.61	10.87	24	-0.71	-0.25	-0.91
800.	23	1504.8	3.4	1518.7	1501.5	22	-2.1	-1.5	-3.0	24	10.23	0.94	14.10	9.27	24	-0.68	-0.34	-0.93
900.	22	1499.2	2.9	1509.9	1495.3	22	-1.7	-0.7	-2.7	23	8.33	0.75	11.16	7.29	23	-0.57	-0.31	-0.89
1000.	22	1495.2	2.4	1503.0	1491.0	21	-1.1	-0.4	-2.1	23	6.89	0.60	8.88	5.83	23	-0.40	-0.24	-0.68
1100.	22	1493.0	1.7	1497.8	1489.8	21	-0.6	-0.2	-1.0	23	5.91	0.42	7.13	5.14	23	-0.27	-0.17	-0.35
1200.	22	1492.0	1.4	1495.2	1489.2	20	-0.3	0.0	-0.9	23	5.24	0.32	5.98	4.58	23	-0.18	-0.10	-0.22
1300.	22	1491.8	1.1	1494.3	1489.2	19	-0.0	0.4	-0.4	23	4.80	0.25	5.37	4.20	23	-0.12	-0.02	-0.16
1400.	22	1492.2	0.7	1493.8	1490.6	21	0.2	0.4	0.2	23	4.28	0.13	4.58	3.97	23	-0.06	-0.02	-0.12
1500.	22	1493.0	0.5	1494.2	1491.6	21	0.3	0.6	0.1	23	3.88	0.07	4.00	3.66	21	-0.04	-0.03	-0.09
1750.	22	1495.5	0.2	1495.9	1494.5	19	0.3	0.4	0.2	23	3.61	0.08	3.77	3.40	23	-0.03	-0.01	-0.04
2000.	21	1498.6	0.3	1499.2	1497.6	17	0.4	0.5	0.4	23	3.12	0.07	3.21	2.94	23	-0.03	-0.02	-0.04
2500.	21	1505.0	0.2	1505.3	1504.2	17	0.4	0.5	0.3	23	2.73	0.07	2.83	2.53	22	-0.02	-0.01	-0.01
3000.	20	1511.9	0.3	1512.4	1511.1	17	0.4	0.5	0.3	20	2.34	0.06	2.46	2.23	20	-0.01	-0.00	-0.01
4000.	18	1527.6	0.2	1528.2	1527.2	15	0.5	0.5	0.5	6	2.23	0.03	2.26	2.17	6	-0.01	-0.00	-0.01
5000.	4	1544.9	0.2	1545.1	1544.7	3	0.5	0.5	0.5	6	2.23	0.03	2.26	2.17	6	-0.01	-0.00	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1538.8	0.6	1539.4	1537.8	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1538.8	0.6	1539.4	1537.7	7	0.2	3.0	0.0	-1.2	7	-0.17	-0.12	-0.75
20.	7	1538.9	0.5	1539.6	1538.1	6	0.4	1.2	0.6	0.6	7	-0.09	0.03	-0.37
30.	7	1538.9	0.4	1539.5	1538.4	7	-1.4	0.9	-6.1	-6.1	7	-0.97	0.08	-3.35
50.	7	1536.1	1.6	1538.9	1533.7	7	-8.5	0.8	-15.2	-15.2	7	-3.81	0.12	-6.86
75.	7	1529.8	1.0	1531.0	1528.2	6	-5.4	-2.2	-7.3	-7.3	7	-2.18	-1.05	-2.96
100.	7	1527.1	0.7	1527.8	1525.9	6	-2.9	-1.8	-3.7	-3.7	7	-1.17	-0.35	-1.52
125.	7	1525.6	0.6	1526.4	1524.7	5	-1.7	-1.3	-2.1	-2.1	7	-0.80	-0.61	-0.91
150.	7	1524.5	0.8	1525.8	1523.8	6	-1.3	-0.2	-1.6	-1.6	7	-0.55	-0.23	-0.73
200.	7	1523.6	0.8	1525.4	1523.0	5	-0.5	-0.2	-1.0	-1.0	7	-0.28	-0.05	-0.54
250.	6	1523.4	0.9	1525.0	1522.7	6	-0.2	0.2	-0.5	-0.5	6	-0.23	-0.09	-0.34
300.	6	1523.1	0.6	1524.2	1522.5	5	0.0	0.6	-0.5	-0.5	6	-0.15	0.03	-0.34
400.	6	1522.1	0.5	1522.8	1521.6	5	-0.9	-0.4	-1.2	-1.2	6	-0.37	-0.19	-0.53
500.	6	1518.8	1.8	1521.2	1517.0	5	-1.1	-0.5	-1.5	-1.5	6	-0.49	-0.30	-0.67
600.	6	1513.8	2.0	1516.8	1511.7	6	-1.8	-1.6	-2.3	-2.3	6	-0.67	-0.61	-0.76
700.	6	1507.6	2.6	1511.9	1505.3	5	-1.8	-1.3	-2.0	-2.0	6	-0.66	-0.51	-0.76
800.	6	1501.9	3.0	1507.3	1499.5	5	-1.7	-1.4	-1.9	-1.9	6	-0.60	-0.52	-0.67
900.	6	1497.0	2.4	1501.5	1494.9	6	-1.5	-1.0	-1.9	-1.9	6	-0.52	-0.40	-0.64
1000.	6	1493.7	1.5	1496.6	1492.4	4	-0.9	-0.4	-1.5	-1.5	6	-0.34	-0.22	-0.52
1100.	6	1492.0	1.4	1494.6	1490.9	5	-0.4	-0.3	-0.6	-0.6	6	-0.23	-0.18	-0.28
1200.	6	1491.6	1.1	1493.6	1490.5	6	-0.1	0.0	-0.3	-0.3	6	-0.15	-0.12	-0.20
1300.	6	1491.5	0.8	1493.0	1490.8	5	-0.0	0.1	-0.2	-0.2	6	-0.12	-0.09	-0.16
1400.	5	1491.9	0.7	1493.0	1491.3	4	0.2	0.4	0.2	0.2	6	-0.07	-0.04	-0.12
1500.	5	1492.6	0.5	1493.5	1492.2	5	0.3	0.4	0.2	0.2	6	-0.05	-0.03	-0.08
1750.	5	1495.4	0.2	1495.7	1495.2	5	0.4	0.4	0.3	0.3	6	-0.04	-0.03	-0.04
2000.	5	1498.6	0.2	1498.9	1498.4	5	0.4	0.4	0.3	0.3	6	-0.03	-0.02	-0.03
2500.	5	1505.1	0.0	1505.2	1505.0	3	0.4	0.4	0.4	0.4	4	-0.03	-0.02	-0.03
3000.	5	1512.1	0.0	1512.3	1511.9	3	0.4	0.5	0.4	0.4	5	-0.02	-0.02	-0.03
4000.	5	1527.7	0.2	1527.9	1527.6	5	0.5	0.5	0.5	0.5	5	-0.01	-0.00	-0.01
5000.	2	1544.9	0.2	1545.0	1544.7	1	0.5	0.5	0.5	0.5	3	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	35	1535.3	1.3	1538.7	1532.6	0	0.0	0.0	0.0	36	24.58	0.64	26.19	23.43	0	0.00	0.00	0.00
10.	35	1535.4	1.3	1538.6	1532.9	35	0.5	3.0	-0.7	36	24.57	0.63	26.05	23.49	36	-0.00	0.85	-0.47
20.	35	1535.5	1.2	1538.3	1532.8	35	0.3	3.0	-0.9	36	24.55	0.62	25.87	23.36	36	-0.07	0.49	-0.55
30.	35	1535.5	1.3	1538.0	1533.0	34	-0.2	0.6	-3.0	36	24.47	0.65	25.67	23.36	35	-0.26	0.09	-1.22
50.	36	1535.5	1.5	1537.7	1532.4	33	-0.1	0.6	-2.3	36	24.32	0.71	25.44	22.97	34	-0.24	0.05	-1.22
75.	36	1535.3	1.7	1538.2	1530.9	35	-0.3	0.7	-2.7	36	24.05	0.77	25.34	22.26	35	-0.32	0.01	-1.20
100.	36	1534.7	1.9	1538.4	1530.1	36	-1.6	0.4	-7.2	35	23.62	0.83	25.26	21.74	36	-0.94	-0.06	-3.08
125.	36	1532.7	1.9	1535.7	1526.5	36	-2.7	-0.1	-6.6	36	22.58	0.75	23.88	20.27	36	-1.35	-0.26	-2.78
150.	36	1530.3	2.9	1533.5	1520.6	36	-3.0	-0.2	-9.9	36	21.48	1.04	22.71	18.01	36	-1.39	-0.33	-3.67
200.	36	1525.8	4.9	1530.3	1508.2	34	-2.6	-0.5	-9.1	36	19.51	1.63	21.30	13.94	35	-1.09	-0.43	-2.74
250.	35	1522.2	7.3	1528.0	1493.2	35	-2.1	-0.1	-11.3	35	18.06	2.21	19.93	9.38	35	-0.87	-0.21	-3.22
300.	34	1520.3	7.0	1525.4	1498.3	33	-1.7	1.5	-4.6	35	16.86	2.72	18.78	6.84	35	-0.64	-0.12	-1.42
400.	32	1515.8	9.4	1524.4	1492.5	31	-1.8	0.1	-4.2	32	15.28	2.72	18.05	8.72	32	-0.69	-0.15	-1.26
500.	29	1511.5	10.4	1524.5	1486.6	29	-1.5	-0.1	-2.9	29	13.54	2.87	17.38	6.84	29	-0.60	-0.19	-0.97
600.	27	1505.4	10.3	1521.3	1485.0	27	-1.8	-0.5	-3.0	27	11.39	2.75	15.86	6.06	27	-0.65	-0.24	-0.94
700.	22	1502.3	7.9	1517.1	1486.4	22	-1.9	-0.8	-2.7	23	9.96	2.06	14.11	5.98	23	-0.65	-0.33	-0.85
800.	18	1498.5	6.0	1514.9	1487.1	18	-1.7	-0.8	-2.4	21	8.2	1.64	13.01	5.77	21	-0.56	-0.24	-0.82
900.	15	1495.3	5.6	1514.1	1491.6	15	-1.3	-0.2	-2.4	16	7.33	1.43	12.32	6.39	16	-0.49	-0.21	-0.83
1000.	4	1490.4	0.3	1490.4	1490.3	4	-0.9	-0.9	-1.0	4	5.76	0.06	5.82	5.68	4	-0.36	-0.35	-0.38

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	C	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	93	1533.6	2.7	1538.4	1523.9	0.0	170	23.86	1.12	25.74	19.90	0	0.00	0.00	0	0.00	0.00	0.00
10.	94	1533.6	2.7	1538.4	1523.8	0.0	100	23.80	1.13	25.78	19.82	100	-0.89	0.30	100	-0.89	0.30	-70.61
20.	94	1533.7	2.8	1538.5	1523.7	0.0	100	23.75	1.16	25.81	19.74	100	-0.76	3.35	100	-0.76	3.35	-62.68
30.	94	1533.7	2.9	1538.7	1523.7	0.0	101	23.68	1.18	25.84	19.68	101	-0.06	12.70	101	-0.06	12.70	-3.20
50.	94	1533.6	2.9	1539.0	1523.8	0.0	105	23.53	1.17	25.84	19.61	104	-0.76	0.10	104	-0.76	0.10	-18.08
75.	95	1533.5	2.9	1539.2	1524.1	0.0	127	23.29	1.06	25.73	19.55	126	-0.31	0.46	126	-0.31	0.46	-3.45
100.	94	1533.0	3.0	1539.3	1523.9	0.0	127	22.96	1.10	25.49	19.35	127	-0.52	0.06	127	-0.52	0.06	-3.51
125.	94	1532.0	3.3	1538.6	1521.0	0.0	127	22.45	1.18	24.98	18.24	127	-0.67	-0.01	127	-0.67	-0.01	-3.05
150.	93	1530.6	4.1	1536.3	1512.8	0.0	127	21.74	1.43	23.79	15.47	124	-1.05	-0.01	124	-1.05	-0.01	-5.01
200.	91	1526.7	4.3	1533.7	1503.7	0.0	125	19.96	1.46	22.40	12.66	125	-1.15	0.43	125	-1.15	0.43	-3.07
250.	90	1522.7	4.8	1530.9	1497.6	0.0	123	18.21	1.35	21.17	10.77	122	-1.14	0.24	122	-1.14	0.24	-3.84
300.	88	1519.6	5.5	1530.4	1494.1	0.0	121	16.73	1.47	20.68	9.64	121	-0.85	-0.07	121	-0.85	-0.07	-2.13
400.	81	1514.1	8.0	1525.9	1493.8	0.0	115	14.25	2.18	18.33	8.97	113	-0.98	-0.10	113	-0.98	-0.10	-22.56
500.	73	1508.1	9.9	1524.9	1492.5	0.0	105	11.93	2.62	17.49	8.31	103	-0.65	5.30	103	-0.65	5.30	-1.80
600.	68	1502.2	11.0	1522.5	1486.3	0.0	95	10.02	2.77	16.22	6.36	95	-0.73	-0.02	95	-0.73	-0.02	-17.88
700.	44	1499.1	8.7	1517.8	1488.9	0.0	68	8.69	2.07	14.33	6.61	64	-0.37	0.15	64	-0.37	0.15	-1.17
800.	19	1500.6	5.8	1511.0	1488.5	0.0	70	9.10	1.46	11.91	6.12	18	-0.60	0.24	18	-0.60	0.24	-1.42
900.	14	1496.9	4.1	1503.8	1491.5	0.0	15	7.84	1.07	9.52	6.40	15	-0.51	0.25	15	-0.51	0.25	-0.94
1000.	13	1493.3	3.5	1498.2	1488.7	0.0	14	6.69	1.25	9.89	5.30	14	-0.35	0.25	14	-0.35	0.25	-0.52
1100.	13	1491.3	2.3	1495.0	1488.7	0.0	13	5.44	1.86	11.52	4.42	13	-0.22	0.25	13	-0.22	0.25	-0.26
1200.	12	1490.6	1.5	1493.3	1488.4	0.0	13	5.15	2.17	12.33	4.06	12	-0.07	0.25	12	-0.07	0.25	-0.17
1300.	12	1490.7	1.1	1492.1	1488.6	0.0	13	4.96	2.47	13.14	3.81	13	-0.06	0.25	13	-0.06	0.25	-0.16
1400.	12	1491.2	0.9	1492.2	1489.2	0.0	13	4.85	2.74	13.95	3.70	13	-0.03	0.25	13	-0.03	0.25	-0.10
1500.	12	1492.1	0.7	1492.9	1490.4	0.0	13	4.85	2.74	13.95	3.70	13	-0.03	0.25	13	-0.03	0.25	-0.10
1750.	11	1495.0	0.3	1495.3	1494.3	0.0	12	4.79	3.52	15.96	3.60	12	-0.01	0.25	12	-0.01	0.25	-0.05
2000.	10	1498.3	0.2	1498.6	1497.9	0.0	11	4.87	4.35	18.00	3.45	11	0.00	0.25	11	0.00	0.25	-0.03
2500.	6	1505.3	0.0	1505.5	1505.0	0.0	6	3.20	0.05	3.26	3.12	6	-0.02	-0.02	6	-0.02	-0.02	-0.03
3000.	1	1512.4	0.0	1512.4	1512.4	0.0	1	2.85	0.00	2.85	2.85	1	-0.02	-0.02	1	-0.02	-0.02	-0.02
4000.	1	1527.9	0.0	1527.9	1527.9	0.0	1	2.40	0.00	2.40	2.40	1	-0.01	-0.01	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	52	1534.9	2.7	1541.0	1526.6	0	0.0	1.19	27.20	20.98	0	0.00	0.00	0.00
10.	56	1534.9	2.8	1541.1	1526.8	54	-0.2	2.3	27.18	21.00	59	-0.10	7.38	-2.93
20.	56	1534.9	3.0	1541.2	1526.8	55	-0.1	2.0	27.15	21.02	58	-0.24	0.51	-2.96
30.	56	1534.9	3.1	1541.3	1524.3	51	-0.1	0.9	27.12	20.15	57	-0.22	0.26	-2.93
50.	54	1534.5	3.6	1540.5	1519.1	54	-0.8	1.5	26.58	18.22	56	-0.54	0.15	-5.09
75.	54	1533.8	4.5	1538.9	1512.2	54	-0.7	3.0	25.70	15.81	56	-0.51	0.15	-3.35
100.	53	1532.7	5.9	1539.1	1502.1	53	-1.6	1.5	25.55	12.65	56	-0.89	0.27	-4.57
125.	52	1531.8	5.7	1538.8	1512.1	51	-2.0	1.4	25.18	15.46	53	-0.95	0.37	-6.22
150.	50	1530.1	7.0	1537.6	1504.6	50	-2.3	1.0	24.45	13.13	52	-1.11	0.08	-2.84
200.	45	1525.8	8.1	1536.2	1495.0	42	-2.7	0.4	23.41	10.29	45	-1.09	-0.04	-3.90
250.	44	1521.4	10.1	1531.1	1482.6	41	-2.4	0.3	21.15	6.90	46	-0.90	-0.16	-4.27
300.	42	1520.2	7.5	1527.0	1491.2	39	-1.5	0.4	19.30	8.90	43	-0.63	-0.02	-1.70
400.	38	1516.2	9.1	1525.0	1485.8	37	-1.5	0.4	18.09	7.11	40	-0.56	-0.01	-1.53
500.	28	1510.0	9.1	1521.4	1488.8	26	-1.9	-0.4	17.41	7.44	31	-0.72	-0.10	-1.86
600.	21	1505.0	9.2	1519.5	1486.6	19	-1.5	-0.4	16.16	6.47	22	-0.58	-0.22	-0.93
700.	18	1501.8	7.7	1514.5	1485.2	16	-1.6	-0.0	14.22	5.70	19	-0.59	-0.15	-0.86
800.	13	1497.7	4.3	1505.3	1488.7	13	-1.8	-0.9	11.81	6.16	15	-0.61	-0.36	-1.08
900.	9	1494.2	2.9	1498.9	1489.8	6	-1.1	-0.8	9.69	5.98	10	-0.47	-0.33	-0.65
1000.	8	1491.9	1.8	1494.7	1490.0	7	-0.8	-0.5	7.86	5.56	10	-0.24	0.83	-0.66
1100.	6	1490.6	1.4	1493.2	1489.3	6	-0.1	0.2	6.31	5.01	8	-0.20	-0.07	-0.47
1200.	6	1490.3	1.2	1492.0	1489.7	6	0.0	0.3	5.28	4.46	8	-0.12	-0.08	-0.21
1300.	6	1490.6	0.9	1491.5	1489.4	6	0.1	0.2	4.95	4.24	8	-0.08	-0.06	-0.17
1400.	6	1491.3	0.5	1492.0	1490.5	6	0.2	0.3	4.70	3.99	8	-0.07	-0.04	-0.13
1500.	6	1492.2	0.4	1492.9	1491.7	6	0.3	0.4	4.47	3.99	8	-0.06	-0.04	-0.08
1750.	5	1494.9	0.3	1495.5	1494.5	5	0.4	0.4	3.98	3.69	7	-0.04	-0.03	-0.06
2000.	5	1498.3	0.3	1498.7	1498.0	5	0.4	0.5	3.70	3.49	7	-0.02	-0.01	-0.04
2500.	3	1505.1	0.2	1505.3	1505.0	3	0.4	0.4	3.26	3.11	5	-0.03	-0.02	-0.03
3000.	3	1511.9	0.6	1512.5	1511.3	3	0.4	0.4	2.87	2.59	4	-0.03	-0.02	-0.03

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	103	1536.6	1.8	1540.1	1530.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	104	1536.6	1.8	1539.7	1529.7	103	-0.2	3.0	3.0	-6.1	153	-0.24	0.64	-3.05
20.	104	1536.5	2.0	1539.7	1529.1	102	-0.5	3.0	3.0	-5.5	153	-0.33	0.55	-2.62
30.	104	1536.3	2.3	1539.9	1528.8	103	-0.7	1.5	-5.2	-5.2	152	-0.46	0.20	-2.83
50.	104	1535.9	2.7	1540.1	1528.2	101	-0.7	1.5	-6.9	-6.9	152	-0.40	1.52	-3.24
75.	104	1535.0	3.3	1539.8	1523.3	103	-1.3	0.9	-12.6	-12.6	152	-0.62	1.05	-5.27
100.	101	1533.4	4.6	1539.3	1512.4	98	-2.2	0.6	-13.2	-13.2	151	-1.22	0.32	-33.73
125.	101	1531.3	6.2	1538.5	1500.3	101	-2.5	0.7	-14.8	-14.8	151	-1.12	0.30	-4.75
150.	97	1529.7	5.9	1536.7	1502.3	94	-3.0	-0.4	-11.3	-11.3	146	-21.89	2.13	25.49
200.	94	1525.3	6.0	1533.9	1501.2	87	-3.0	0.1	-13.7	-13.7	143	19.79	1.80	22.49
250.	91	1521.5	8.3	1529.8	1490.7	91	-2.5	-0.1	-14.0	-14.0	140	18.03	2.29	21.03
300.	83	1520.5	6.8	1526.2	1492.0	82	-1.4	0.2	-4.8	-4.8	132	16.98	2.14	19.11
400.	78	1517.1	8.2	1525.7	1490.2	75	-1.4	0.6	-4.0	-4.0	126	14.63	3.14	18.29
500.	66	1513.8	9.1	1525.5	1490.9	62	-1.6	0.5	-5.8	-5.8	116	12.44	3.45	17.68
600.	57	1509.8	7.9	1522.1	1487.5	53	-2.0	-0.9	-5.1	-5.1	75	11.84	2.60	16.11
700.	41	1504.3	7.1	1515.7	1484.8	39	-2.0	-0.5	-5.5	-5.5	42	10.63	1.86	13.75
800.	28	1501.0	3.0	1508.7	1491.7	28	-1.9	-1.1	-3.0	-3.0	31	9.20	0.81	11.30
900.	25	1495.6	2.0	1501.6	1491.9	25	-1.7	-0.9	-2.3	-2.3	26	7.40	0.51	8.96
1000.	14	1492.0	2.0	1496.8	1489.3	13	-1.0	-0.5	-1.8	-1.8	14	6.09	0.50	7.29
1100.	10	1490.8	1.4	1493.9	1488.8	10	-0.5	-0.1	-0.9	-0.9	10	5.38	0.35	6.11
1200.	10	1489.9	1.2	1492.3	1488.4	10	-0.1	0.3	-0.5	-0.5	10	4.78	0.27	5.32
1300.	10	1490.2	0.8	1491.4	1488.8	9	0.1	0.3	-0.3	-0.3	10	4.44	0.18	4.40
1400.	10	1490.9	0.6	1491.7	1489.4	9	0.3	0.3	0.1	0.1	10	4.19	0.15	4.39
1500.	10	1491.8	0.7	1492.6	1490.4	9	0.3	0.5	0.3	0.3	10	4.03	0.16	4.22
1750.	10	1494.9	0.6	1495.8	1494.0	8	0.4	0.5	0.4	0.4	10	3.76	0.14	3.95
2000.	10	1498.4	0.6	1499.1	1497.3	7	0.4	0.5	0.4	0.4	10	3.57	0.14	3.74
2500.	6	1505.3	0.8	1506.2	1503.9	6	0.4	0.4	0.4	0.4	6	3.21	0.17	3.41
3000.	6	1512.3	0.8	1513.5	1510.9	5	0.4	0.5	0.4	0.4	5	2.82	0.20	3.12
4000.	5	1527.7	0.3	1528.2	1527.3	3	0.5	0.5	0.4	0.4	5	2.35	0.08	2.47

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DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	60	1539.0	2.0	1543.7	1531.8		0	0.0	0.0	0.0	73	26.17	0.91	28.20	23.04		0	0.00	0.00	0.00
10.	60	1538.6	1.9	1541.7	1531.4		60	-0.9	1.5	-9.8	73	25.99	0.84	27.47	22.79		73	-0.40	3.60	-4.45
20.	60	1538.0	2.8	1541.2	1530.1		60	-1.2	3.0	-10.7	73	25.81	1.02	27.12	22.21		73	-0.62	2.04	-4.85
30.	64	1538.0	2.8	1540.7	1528.7		64	-1.1	3.2	-10.7	73	25.58	1.21	26.87	21.56		73	-0.71	0.24	-3.23
50.	64	1536.9	3.3	1540.4	1526.4		64	-2.0	3.0	-24.4	73	25.01	1.40	26.52	20.56		73	-1.07	1.22	-10.97
75.	64	1535.1	4.4	1540.3	1525.6		63	-2.3	0.8	-17.7	73	24.08	1.79	26.28	20.14		72	-1.18	0.15	-6.89
100.	63	1532.6	5.7	1540.5	1515.7		60	-3.3	3.0	-15.4	72	22.94	2.17	26.08	16.74		69	-1.61	-0.08	-5.95
125.	63	1530.1	6.9	1540.3	1507.8		63	-3.3	0.4	-12.7	72	21.65	2.49	25.76	14.17		72	-1.56	-0.13	-4.61
150.	60	1527.6	7.1	1538.6	1505.3		59	-3.8	0.1	-13.4	69	20.47	2.52	24.78	13.26		68	-1.66	-0.15	-5.79
200.	54	1522.2	9.0	1533.4	1491.5		52	-3.4	1.0	-14.5	65	18.34	2.90	22.66	9.35		63	-1.30	-0.10	-4.11
250.	49	1520.5	8.4	1529.5	1490.8		49	-2.0	0.2	-6.9	60	17.25	2.79	20.51	8.95		60	-0.90	-0.12	-2.96
300.	47	1518.8	8.5	1527.0	1491.1		47	-1.5	0.3	-5.2	56	16.43	2.79	19.33	8.10		56	-0.67	-0.10	-1.88
400.	43	1515.4	9.8	1525.2	1488.5		43	-1.5	0.3	-4.9	51	14.81	3.00	18.12	7.75		51	-0.64	-0.01	-1.55
500.	43	1509.7	11.2	1524.7	1484.7		42	-1.9	-0.1	-4.6	49	12.80	3.11	17.40	6.38		48	-0.70	-0.20	-1.37
600.	35	1506.2	9.9	1521.6	1488.2		35	-1.9	-0.4	-3.9	38	11.46	2.65	15.96	6.87		38	-0.68	-0.21	-1.18
700.	24	1504.5	7.2	1517.5	1487.8		24	-1.8	-0.4	-2.6	25	10.54	1.94	14.26	6.34		25	-0.63	-0.24	-0.84
800.	18	1500.8	5.3	1510.9	1489.7		16	-1.7	-1.0	-2.3	18	9.21	1.38	11.89	6.41		17	0.57	18.90	-0.80
900.	17	1496.4	3.7	1504.1	1491.9		17	-1.5	-0.9	-2.3	17	7.62	0.96	9.61	6.48		17	-0.53	-0.37	-0.74
1070.	16	1492.9	2.7	1499.1	1489.7		16	-0.8	-0.3	-1.4	16	6.33	0.68	7.88	5.52		16	-0.32	-0.20	-0.48
1100.	16	1491.2	2.4	1497.0	1489.0		16	-0.5	-0.1	-0.7	16	5.47	0.59	6.92	4.93		16	-0.24	-0.13	-0.30
1200.	16	1490.4	2.1	1495.3	1488.0		14	-0.1	0.4	-1.0	16	4.88	0.51	6.07	4.34		15	-0.13	-0.06	-0.26
1300.	16	1490.5	1.7	1494.0	1487.3		16	0.1	0.3	-0.4	16	4.51	0.40	5.35	3.76		16	-0.11	-0.07	-0.22
1400.	15	1491.0	1.5	1493.2	1487.1		13	0.1	0.4	-0.2	15	4.22	0.35	4.75	3.32		15	-0.08	-0.03	-0.18
1500.	11	1492.4	0.5	1493.2	1491.3		11	0.3	0.4	0.2	11	4.15	0.15	4.34	3.91		11	-0.06	-0.03	-0.12
1750.	9	1495.1	0.4	1495.6	1494.5		9	0.3	0.4	0.2	9	3.80	0.09	3.92	3.65		9	-0.04	-0.03	-0.08
2000.	7	1498.3	0.5	1499.0	1497.5		5	0.4	0.5	0.4	7	3.56	0.10	3.69	3.37		7	-0.03	-0.01	-0.04
2500.	5	1505.0	0.0	1505.1	1504.8		5	0.4	0.5	0.4	5	3.13	0.03	3.16	3.08		5	-0.03	-0.01	-0.04
3000.	4	1511.9	0.2	1512.1	1511.7		4	0.4	0.4	0.3	4	2.74	0.03	2.77	2.70		4	-0.02	-0.02	-0.03
3000.	4	1527.5	0.2	1527.7	1527.3		3	0.5	0.6	0.5	4	2.30	0.04	2.36	2.26		4	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	125	1542.5	1.7	1546.2	1537.7	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	126	1542.1	1.8	1545.9	1535.8	126	-1.3	2.0	0.0	-13.1	126	-0.87	0.34	-6.25
20.	126	1541.5	2.2	1545.7	1533.7	126	-2.3	1.5	-13.0	0.0	126	-1.28	0.24	-5.85
30.	126	1540.4	2.8	1545.1	1531.2	124	-3.6	3.0	-30.5	0.0	125	-1.90	0.24	-12.74
50.	127	1538.0	4.2	1543.5	1515.9	125	-4.1	0.6	-27.4	0.0	125	-2.04	-0.04	-8.84
75.	126	1535.2	4.9	1541.7	1511.7	123	-3.5	0.9	-15.2	0.0	125	-1.71	0.05	-5.83
100.	125	1532.5	5.6	1540.2	1507.5	122	-3.6	-0.1	-14.1	0.0	124	-1.64	-0.36	-5.01
125.	122	1529.8	6.5	1538.3	1498.6	120	-3.2	-0.4	-11.8	0.0	122	-1.46	-0.30	-3.68
150.	119	1527.4	7.7	1536.0	1491.0	117	-3.0	0.4	-12.4	0.0	117	-1.28	-0.05	-3.83
200.	113	1523.7	8.1	1531.6	1488.4	109	-2.3	0.3	-9.5	0.0	113	-0.97	0.98	-3.25
250.	105	1521.9	7.7	1529.2	1486.1	104	-1.9	0.1	-8.6	0.0	105	-0.79	-0.12	-2.49
300.	99	1520.4	7.2	1526.7	1492.2	98	-1.4	0.5	-6.7	0.0	99	-0.61	-0.04	-2.16
400.	90	1517.5	9.3	1525.6	1489.4	88	-1.3	0.3	-4.9	0.0	90	-0.52	-0.06	-1.44
500.	76	1515.0	8.8	1525.6	1488.4	71	-1.6	0.2	-4.6	0.0	76	-0.62	-0.07	-1.46
600.	65	1511.4	7.9	1524.0	1493.5	61	-1.7	-0.7	-3.5	0.0	66	-0.63	-0.19	-1.10
700.	54	1506.9	6.7	1520.3	1490.7	52	-2.1	-0.2	-4.9	0.0	54	-0.73	-0.19	-1.37
800.	45	1502.0	5.2	1514.1	1491.9	43	-2.1	-1.2	-4.1	0.0	45	-0.69	-0.44	-1.25
900.	42	1496.5	4.4	1509.1	1488.0	42	-1.7	-0.5	-3.3	0.0	42	-0.58	-0.24	-1.00
1000.	34	1492.4	3.2	1500.7	1486.3	32	-1.3	-0.2	-2.3	0.0	34	-0.45	-0.18	-0.67
1100.	19	1491.4	2.3	1497.0	1488.3	17	-0.4	0.2	-1.2	0.0	20	-0.23	-0.07	-0.43
1200.	18	1490.8	1.6	1494.7	1489.1	18	0.1	3.0	-0.8	0.0	18	-0.14	-0.06	-0.33
1300.	18	1490.8	1.0	1493.4	1489.5	16	-0.0	0.5	-1.2	0.0	17	-0.13	-0.05	-0.37
1400.	16	1491.4	0.7	1493.2	1490.1	16	0.2	0.4	-0.0	0.0	16	-0.07	-0.03	-0.13
1500.	16	1492.3	0.6	1493.5	1491.2	13	0.3	0.8	0.1	0.0	15	-0.05	-0.03	-0.10
1750.	15	1495.1	0.3	1496.0	1494.7	15	0.4	0.5	0.3	0.0	15	-0.03	-0.00	-0.06
2000.	12	1498.4	0.1	1498.9	1498.1	11	0.4	0.5	0.3	0.0	12	-0.03	-0.02	-0.05
2500.	7	1505.2	0.2	1505.6	1504.8	7	0.4	0.4	0.4	0.0	7	-0.03	-0.02	-0.04
3000.	6	1512.1	0.2	1512.4	1511.9	6	0.4	0.5	0.4	0.0	6	-0.02	-0.01	-0.03
4000.	5	1527.6	0.0	1527.7	1527.5	4	0.5	0.5	0.5	0.0	5	-0.01	-0.00	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 7

DEP-	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	34	1544.2	0.8	1546.3	1542.9	0	0.0	0.0	0.0	34	28.62	0.43	29.52	27.96	0	0.00	0.00	0.00		
10.	34	1544.2	0.8	1546.4	1542.9	34	-0.4	3.0	-6.1	34	28.53	0.42	29.51	27.83	34	-0.56	0.30	-3.05		
20.	34	1543.7	1.2	1546.5	1541.4	34	-2.2	0.6	-9.1	34	28.19	0.64	29.49	26.99	34	-1.32	0.06	-4.57		
30.	34	1542.9	1.7	1546.7	1539.4	34	-2.4	0.6	-8.5	34	27.72	0.89	29.48	26.10	34	-1.41	-0.03	-4.27		
50.	34	1541.0	2.6	1546.6	1535.5	33	-3.7	-0.3	-9.1	34	26.69	1.28	29.31	24.16	33	-1.90	-0.20	-4.57		
75.	34	1537.9	3.1	1545.1	1533.8	34	-3.5	-0.7	-8.3	34	25.13	1.46	28.41	23.30	34	-1.81	-0.59	-4.01		
100.	34	1535.4	3.5	1542.7	1530.9	33	-3.1	0.5	-9.5	34	23.84	1.52	27.03	21.96	33	-1.53	-0.20	-4.23		
125.	34	1532.9	3.6	1539.9	1527.9	33	-3.1	0.2	-10.0	34	22.63	1.47	25.50	20.70	34	-1.48	-0.10	-4.24		
150.	34	1530.3	4.2	1538.7	1519.3	32	-3.1	-1.2	-13.1	34	21.47	1.58	24.79	17.64	33	-1.40	-0.73	-4.74		
200.	30	1527.1	2.4	1531.4	1521.3	30	-1.8	-0.5	-4.5	31	19.95	0.84	21.53	17.98	31	-0.85	-0.20	-2.02		
250.	30	1524.5	3.1	1527.7	1512.1	29	-1.7	-0.1	-7.1	31	18.74	0.99	19.84	14.87	31	-0.67	2.07	-2.57		
300.	29	1522.9	4.3	1525.7	1506.1	27	-0.9	1.0	-6.1	29	17.96	1.31	18.83	12.86	29	-0.36	1.75	-2.05		
400.	28	1521.1	5.4	1525.8	1501.0	27	-0.8	0.2	-3.4	28	16.86	1.62	18.30	11.02	28	-0.42	-0.08	-1.14		
500.	26	1517.2	5.5	1525.7	1500.2	25	-1.7	-0.9	-3.6	26	15.15	1.62	17.72	10.27	26	-0.66	-0.17	-1.16		
600.	23	1512.1	5.3	1522.0	1499.9	21	-2.1	-1.3	-3.2	23	13.18	1.48	16.06	9.85	22	-0.73	-0.54	-1.01		
700.	20	1505.9	4.4	1516.3	1497.4	19	-2.3	-1.5	-3.7	20	11.00	1.18	13.88	8.79	19	-0.78	-0.55	-1.05		
800.	15	1498.3	1.2	1500.6	1496.5	15	-2.0	-0.3	-2.7	15	8.54	0.30	9.13	8.12	15	-0.66	-0.20	-0.83		
900.	13	1492.8	0.9	1494.9	1491.7	12	-1.7	-1.2	-2.0	13	6.71	0.21	7.24	6.43	13	-0.56	-0.45	-0.65		
1000.	6	1489.9	0.5	1490.6	1489.3	5	-1.0	-0.8	-1.1	6	5.57	0.11	5.72	5.44	6	-0.34	-0.21	-0.41		
1100.	2	1489.4	0.6	1489.8	1489.0	2	-0.3	-0.2	-0.3	2	5.04	0.11	5.12	4.96	2	-0.19	-0.18	-0.20		
1200.	1	1489.6	0.0	1489.6	1489.6	1	0.2	0.2	0.2	2	4.69	0.04	4.72	4.66	2	-0.10	-0.07	-0.13		
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.33	0.00	4.33	4.33	1	-0.10	-0.10	-0.10		
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.13	0.00	4.13	4.13	1	-0.06	-0.06	-0.06		

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1544.8	1.8	1546.3	1540.8	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	7	1544.7	1.8	1546.4	1540.7	7	-0.4	0.9	-1.7	0.80	8	-0.30	0.12	-0.95
20.	7	1544.3	2.4	1546.3	1539.1	7	-1.1	0.6	-4.9	0.80	8	-0.76	0.06	-2.80
30.	7	1543.8	2.9	1546.1	1537.6	7	-1.4	0.5	-4.3	0.80	8	-0.85	-0.24	-2.38
50.	7	1542.8	4.0	1546.3	1536.4	7	-1.5	0.6	-4.9	0.80	8	-0.99	-0.23	-2.30
75.	7	1538.6	3.8	1542.1	1530.6	7	-5.9	-2.4	-9.9	0.80	8	-3.10	-1.38	-4.79
100.	7	1534.1	3.9	1539.8	1528.2	7	-5.4	-2.8	-10.1	0.80	8	-2.65	-1.30	-4.39
125.	7	1530.3	4.9	1535.8	1521.2	7	-4.3	-0.5	-11.7	0.80	8	-2.00	-0.59	-4.28
150.	7	1527.0	6.7	1532.7	1513.0	6	-2.8	-1.3	-4.5	0.80	8	-1.74	-0.61	-3.07
200.	7	1521.4	3.7	1528.4	1500.3	6	-2.7	-1.5	-3.6	0.80	8	-1.33	-0.30	-2.62
250.	7	1517.5	12.0	1527.1	1491.9	7	-2.7	-0.4	-5.1	0.80	8	-1.13	-0.32	-1.79
300.	7	1513.7	13.0	1523.7	1487.1	7	-2.5	-0.8	-4.1	0.80	8	-0.97	-0.45	-1.60
400.	5	1510.3	10.8	1521.4	1498.7	5	-2.1	-0.5	-3.5	0.80	5	-0.73	-0.30	-1.10
500.	4	1500.8	12.5	1517.5	1491.0	3	-2.1	-1.9	-2.3	0.80	4	-0.74	-0.68	-0.79
600.	3	1498.4	12.1	1511.3	1487.3	3	-1.8	-1.1	-2.4	0.80	3	-0.61	-0.42	-0.78
700.	2	1498.1	9.0	1504.4	1491.7	2	-1.8	-1.5	-2.1	0.80	2	-0.62	-0.51	-0.72
800.	1	1498.7	0.0	1498.7	1498.7	1	-1.5	-1.5	-1.5	0.80	1	-0.51	-0.51	-0.51
900.	1	1494.7	0.0	1494.7	1494.7	1	-1.2	-1.2	-1.2	0.80	1	-0.45	-0.45	-0.45
1000.	1	1492.0	0.0	1492.0	1492.0	1	-0.4	-0.4	-0.4	0.80	1	-0.25	-0.25	-0.25
1100.	1	1490.6	0.0	1490.6	1490.6	1	-0.4	-0.4	-0.4	0.80	1	-0.22	-0.22	-0.22
1200.	1	1490.0	0.0	1490.0	1490.0	1	-0.2	-0.2	-0.2	0.80	1	-0.17	-0.17	-0.17
1300.	1	1490.3	0.0	1490.3	1490.3	1	0.2	0.2	0.2	0.80	1	-0.08	-0.08	-0.08
1400.	1	1491.0	0.0	1491.0	1491.0	1	0.2	0.2	0.2	0.80	1	-0.07	-0.07	-0.07
1500.	1	1491.8	0.0	1491.8	1491.8	1	0.2	0.2	0.2	0.80	1	-0.06	-0.06	-0.06
1750.	1	1494.6	0.0	1494.6	1494.6	1	0.3	0.3	0.3	0.80	1	-0.04	-0.04	-0.04

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	26	1544.4	0.8	1546.1	1543.3	0	0.0	0.40	29.62	28.23	0	0.00	0.00	0.00
10.	26	1544.6	0.9	1546.1	1542.9	26	-0.2	1.2	1.2	-6.1	26	-0.34	0.61	-3.54
20.	26	1544.4	1.2	1546.2	1541.4	26	-1.2	1.5	-6.1	26	-0.84	0.34	-3.23	
30.	26	1543.9	1.7	1546.4	1539.5	26	-1.4	1.2	5.8	26	-0.98	0.30	-2.96	
50.	26	1542.5	2.2	1546.0	1536.9	26	-2.5	0.2	-8.8	26	-1.40	-0.12	-4.15	
75.	26	1540.0	2.9	1545.2	1533.5	24	-2.9	1.0	-8.2	26	-1.63	0.21	-3.99	
100.	26	1537.2	3.1	1541.9	1529.2	26	-4.1	-0.5	-16.8	26	-1.95	-0.40	-6.55	
125.	26	1534.1	4.1	1539.2	1520.7	25	-3.8	-1.2	-14.8	26	-1.81	-0.85	-5.68	
150.	26	1531.0	5.2	1537.6	1511.2	25	-4.1	-2.4	-7.6	26	-1.77	-1.11	-2.64	
200.	26	1524.9	6.2	1531.6	1500.3	24	-3.1	-0.6	-8.7	26	-1.27	-0.41	-3.20	
250.	26	1520.3	9.0	1527.8	1491.9	24	-2.3	0.4	-7.7	26	-0.91	-0.33	-2.67	
300.	22	1518.8	7.7	1525.7	1501.4	22	-2.3	-0.2	-5.1	22	-0.86	-0.21	-1.62	
400.	20	1514.2	9.0	1524.4	1497.1	19	-1.9	0.1	-3.3	20	-0.71	-0.13	-1.10	
500.	17	1507.7	10.5	1521.7	1489.6	15	-2.6	-1.5	-4.4	17	-0.85	-0.60	-1.35	
600.	9	1503.5	10.3	1514.8	1487.4	9	-2.3	-0.9	-4.1	10	-0.76	-0.39	-1.27	
700.	8	1498.2	8.0	1507.2	1484.2	8	-1.8	0.0	-3.8	8	-0.62	-0.10	-1.17	
800.	2	1498.2	0.1	1498.2	1498.1	2	-1.2	-0.7	-1.8	2	-0.45	-0.30	-0.60	
900.	2	1493.7	0.2	1493.8	1493.5	2	-1.4	-1.3	-1.4	2	-0.48	-0.47	-0.43	
1000.	2	1490.3	0.1	1490.4	1490.2	2	-0.8	-0.6	-0.9	2	-0.33	-0.30	-0.35	
1100.	2	1488.9	0.4	1489.2	1488.6	2	-0.4	-0.4	-0.5	2	-0.23	-0.21	-0.24	
1200.	1	1489.0	3.0	1489.0	1489.0	1	0.0	0.0	0.0	1	-0.10	-0.10	-0.10	
1300.	1	1489.6	0.0	1489.6	1489.6	1	0.2	0.2	0.2	1	-0.08	-0.08	-0.08	

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	36	1542.8	1.7	1544.9	1537.7	0	0.0	0.75	28.87	25.56	0	0.00	0.00	0.00
10.	44	1543.3	1.7	1545.2	1537.9	30	0.4	0.79	29.04	25.56	40	0.01	1.96	-1.34
20.	46	1543.2	1.7	1545.5	1538.0	45	0.3	0.79	29.07	25.55	46	-0.16	0.30	-2.53
30.	46	1543.2	1.7	1545.3	1538.2	45	0.0	0.81	28.93	25.53	45	-0.22	0.21	-1.25
40.	46	1542.5	1.8	1545.0	1536.7	39	-2.2	0.85	28.47	24.73	42	-1.18	1.71	-3.96
75.	46	1538.9	2.5	1544.0	1532.4	43	-4.8	0.4	14.0	22.79	44	-2.44	-0.06	-5.85
100.	46	1535.4	3.4	1543.6	1525.4	46	-4.2	1.5	9.9	19.92	46	-2.08	-1.00	-4.34
125.	46	1532.6	3.1	1539.8	1524.1	45	-3.4	1.6	10.2	19.27	45	-1.63	-0.79	-4.28
150.	46	1530.0	3.2	1536.3	1519.2	46	-3.2	0.3	13.9	17.60	46	-1.42	-0.11	-4.73
200.	46	1525.7	4.6	1530.5	1499.7	42	-2.4	-0.2	10.9	11.54	43	-0.99	-0.22	-3.78
250.	46	1523.1	6.2	1527.1	1489.5	44	-1.4	0.2	7.7	8.63	46	-0.64	-0.07	-2.40
300.	44	1522.6	3.5	1525.4	1509.3	43	-0.9	0.4	-3.4	13.80	44	-1.01	-0.04	-24.99
400.	44	1519.2	5.9	1525.6	1499.7	43	-1.2	0.5	-3.9	10.67	44	-0.51	-0.03	-1.27
500.	33	1516.0	6.0	1526.3	1496.2	32	-1.7	-0.1	-4.7	9.30	33	-0.66	-0.20	-1.45
600.	29	1509.8	7.6	1524.0	1484.1	28	-1.9	-0.7	-3.0	7.07	30	-0.68	-0.36	-0.90
700.	16	1506.6	5.4	1518.7	1498.1	14	-1.9	-1.2	-2.4	5.87	16	-0.65	-0.35	-0.73
800.	9	1502.8	4.9	1511.7	1497.2	9	-2.0	-1.4	-2.8	8.24	9	-0.66	-0.50	-0.89
900.	9	1497.5	3.8	1504.1	1493.4	9	-1.5	-0.6	-2.5	6.84	9	-0.51	-0.28	-0.78
1000.	9	1494.1	2.5	1498.7	1491.1	9	-0.8	-0.2	-1.6	5.87	9	-0.34	-0.23	-0.55
1100.	9	1491.9	1.7	1495.4	1489.7	9	-0.7	-0.3	-1.2	5.12	9	-0.29	-0.20	-0.44
1200.	9	1491.0	1.1	1493.4	1490.1	9	-0.1	0.3	-0.5	4.78	9	-0.15	-0.05	-0.25
1300.	9	1491.0	0.7	1492.5	1490.0	9	-0.0	0.3	-0.3	4.39	9	-0.13	-0.05	-0.13
1400.	9	1491.3	0.6	1492.8	1490.9	9	0.3	0.4	0.1	4.20	9	-0.06	-0.04	-0.09
1500.	9	1492.4	0.5	1493.5	1492.0	8	0.3	0.3	0.2	4.03	8	-0.05	-0.04	-0.07
1750.	9	1495.3	0.4	1496.0	1494.6	9	0.3	0.4	0.3	3.66	9	-0.04	-0.03	-0.05
2000.	8	1498.4	0.3	1498.9	1497.7	8	0.4	0.5	0.4	3.42	8	-0.03	-0.01	-0.03
2500.	8	1505.0	0.3	1505.6	1504.5	8	0.4	0.5	0.4	3.02	8	-0.03	-0.02	-0.03
3000.	8	1512.7	0.3	1512.7	1511.7	7	0.4	0.4	0.4	2.68	7	-0.02	-0.02	-0.02
4000.	6	1527.6	0.3	1528.1	1527.2	6	0.5	0.5	0.5	2.23	6	-0.01	-0.00	-0.01
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2.26	1	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	81	1539.1	1.2	1542.9	1536.0	0	0.0	0.0	0.0	89	26.17	0.68	28.10	24.10	0	0.00	0.00	0.00
10-	82	1539.2	1.2	1542.6	1536.2	81	0.3	2.0	-3.7	89	26.15	0.67	27.88	24.10	89	-0.06	0.75	-1.77
20-	82	1539.4	1.2	1542.4	1536.3	81	0.4	3.0	-1.5	89	26.14	0.67	27.68	24.10	89	-0.06	0.27	-1.01
30-	83	1539.5	1.2	1542.2	1536.4	82	0.3	3.0	-3.0	90	26.11	0.67	27.56	24.10	90	-0.13	0.27	-2.44
50-	83	1539.3	1.2	1542.1	1535.7	82	-1.2	1.5	-6.1	89	25.90	0.67	27.37	24.00	88	-0.80	0.18	-3.05
75-	84	1537.8	1.8	1542.1	1534.5	79	-2.1	3.0	-13.7	90	25.07	0.88	27.12	23.57	88	-1.17	0.01	-6.55
100-	84	1535.2	3.6	1542.3	1519.0	82	-3.8	0.4	-21.8	90	23.67	1.52	27.00	17.87	90	-1.87	-0.04	-8.30
125-	84	1531.5	5.0	1542.8	1505.8	83	-4.5	2.0	-17.9	90	22.03	1.82	26.84	13.57	90	-1.98	0.49	-6.80
150-	82	1528.0	6.4	1544.2	1498.2	80	-4.0	1.7	-20.2	88	20.61	2.15	27.24	11.33	88	-1.01	46.02	-7.24
200-	80	1522.9	8.4	1531.5	1492.6	63	-3.2	0.6	-12.4	87	18.52	2.60	21.54	9.67	71	-1.18	-0.06	-4.54
250-	79	1520.2	9.7	1528.7	1486.3	77	-1.7	-0.2	-7.3	86	17.39	2.91	20.20	7.83	85	-0.70	-0.12	-2.39
300-	72	1519.0	9.6	1527.0	1487.4	70	-1.0	1.5	-6.5	79	16.73	2.85	19.28	7.91	77	-0.46	0.06	-2.01
400-	65	1517.6	9.4	1525.6	1488.0	65	-1.1	0.2	-6.8	71	15.90	2.62	18.25	7.61	71	-0.48	-0.10	-1.91
500-	60	1515.0	9.3	1525.2	1488.8	59	-1.5	-0.3	-3.7	66	14.64	2.55	17.60	7.45	65	-0.58	-0.19	-1.10
600-	56	1510.8	8.7	1522.5	1488.7	56	-1.7	-0.2	-3.0	63	12.93	2.32	16.22	6.99	63	-0.64	-0.17	-0.99
700-	38	1507.0	7.4	1519.2	1486.4	38	-1.9	-0.5	-3.3	44	11.39	1.89	14.73	6.00	44	-0.65	-0.28	-1.13
800-	34	1500.8	5.4	1514.5	1486.9	31	-2.0	0.4	-4.3	40	9.24	1.31	12.87	5.64	39	-0.63	0.34	-1.29
900-	32	1495.4	3.6	1508.1	1485.8	32	-1.8	-0.3	-3.4	38	7.40	0.85	10.65	4.98	38	-0.61	-0.18	-0.99
1000-	13	1488.4	2.8	1493.6	1484.3	11	-1.8	-0.8	-3.0	22	5.17	0.65	6.48	4.27	22	-0.54	-0.17	-0.89
1100-	3	1488.0	2.1	1490.0	1485.9	3	-0.1	0.2	-0.6	4	4.81	0.46	5.22	4.20	4	-0.18	-0.07	-0.27
1200-	2	1488.6	0.6	1489.0	1488.1	2	0.0	0.0	0.0	3	4.47	0.13	4.58	4.33	3	-0.12	-0.08	-0.13
1300-	2	1489.4	0.6	1489.8	1488.9	2	0.3	0.4	1.2	3	4.20	0.14	4.36	4.11	3	-0.06	-0.04	-0.07
1400-	2	1490.4	0.4	1490.7	1490.1	2	0.3	0.4	0.3	3	4.05	0.11	4.17	3.97	3	-0.05	-0.03	-0.06
1500-	2	1491.5	0.3	1491.7	1491.3	2	0.6	0.8	0.3	3	3.93	0.07	4.01	3.88	3	-0.02	-0.02	-0.03
1750-	1	1495.0	0.0	1495.0	1495.0	1	0.4	0.4	0.4	1	3.79	0.00	3.79	3.79	1	-0.03	-0.03	-0.03
2000-	1	1498.3	0.0	1498.3	1498.3	1	0.0	0.6	0.6	1	3.57	0.00	3.57	3.57	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 80 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NU	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	10	1535.7	1.7	1538.4	1533.5	0	0	0.0	0.0	0.0	10	24.79	0.85	26.12	23.88	0
10.	10	1535.9	1.8	1538.6	1533.4	10	0	0.4	0.7	-0.3	10	24.78	0.87	26.14	23.78	10
20.	10	1536.0	1.8	1538.8	1533.2	10	0	0.4	0.6	-0.6	10	24.76	0.89	26.16	23.64	10
30.	10	1536.1	1.9	1538.9	1533.0	10	0	0.7	3.0	-0.6	10	24.74	0.91	26.11	23.49	10
50.	10	1536.2	1.9	1538.6	1532.5	10	-0	-0.1	0.7	-3.0	10	24.66	0.89	25.80	23.20	10
75.	10	1535.8	3.2	1539.0	1527.6	8	-0	-0.6	0.7	-6.0	10	24.27	1.29	25.69	21.12	10
100.	10	1533.7	4.8	1537.2	1520.7	9	-4	-1.1	-0.3	-11.6	10	23.25	1.77	24.71	18.50	10
125.	10	1529.3	8.5	1536.1	1508.2	10	-4	-4.8	-0.4	-15.2	10	21.42	2.94	23.91	14.36	10
150.	10	1525.8	11.4	1535.7	1499.3	10	-4	-4.2	-0.5	-12.3	10	20.04	3.75	23.58	11.64	10
200.	8	1518.1	14.3	1532.7	1495.8	7	-3	-3.9	-2.0	-9.0	8	17.21	4.42	22.03	10.50	7
250.	8	1513.4	15.9	1526.4	1490.1	8	-2	-2.8	-0.5	-5.7	8	15.50	4.65	19.40	8.78	8
300.	8	1511.0	16.2	1524.3	1489.3	8	-1	-1.2	-0.2	-3.6	8	14.51	4.63	18.37	6.35	8
400.	4	1510.8	15.0	1523.3	1489.6	4	-1	-1.1	-0.5	-2.0	4	13.88	4.17	17.48	8.02	4
500.	3	1514.3	8.2	1519.9	1504.9	3	-1	-1.1	-0.3	-2.0	3	14.29	2.32	15.92	11.64	3
600.	1	1498.3	0.0	1498.3	1498.3	1	-2	-2.0	-2.0	-2.0	1	9.43	0.00	9.43	9.43	1
700.	1	1491.6	0.0	1491.6	1491.6	1	-2	-2.0	-2.0	-2.0	1	7.30	0.00	7.30	7.30	1

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 112 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1525.3	0.5	1525.6	1524.9	0	0.0	0.0	0.0	2	20.43	0.25	20.60	20.25	0	0.00	0.00	0.00
10.	2	1525.5	0.4	1525.7	1525.2	2	0.6	0.9	0.3	2	20.44	0.18	20.56	20.31	2	0.03	0.18	-0.12
20.	2	1525.6	0.1	1525.7	1525.5	2	0.5	0.9	0.9	2	20.44	0.11	20.51	20.36	2	0.00	0.15	-0.15
30.	2	1525.4	0.4	1525.7	1525.1	2	-1.6	0.4	-3.7	2	20.30	0.08	20.35	20.24	2	-0.83	-0.13	-1.52
50.	2	1524.0	1.3	1524.9	1523.1	2	-3.4	-3.0	-3.8	2	19.65	0.37	19.91	19.38	2	-1.46	-1.31	-1.60
75.	2	1521.9	0.2	1522.0	1521.7	2	-2.6	-1.7	-3.5	2	18.76	0.06	18.80	18.72	2	-1.08	-0.80	-1.35
100.	2	1520.6	0.1	1520.7	1520.5	2	-0.5	0.3	-1.5	2	18.21	0.05	18.24	18.17	2	-0.37	-0.07	-0.67
125.	2	1520.4	0.6	1520.8	1520.0	2	-0.2	0.1	-0.6	2	18.02	0.18	18.15	17.89	2	-0.23	-0.11	-0.34
150.	2	1520.2	0.9	1520.8	1519.5	2	-0.3	-0.6	-0.6	2	17.80	0.27	17.99	17.61	2	-0.27	-0.20	-0.34
200.	2	1519.0	0.7	1519.5	1518.5	2	-1.0	-0.6	-1.4	2	17.19	0.21	17.33	17.04	2	-0.47	-0.35	-0.59
250.	2	1517.6	0.0	1517.6	1517.6	2	-0.9	-0.5	-1.2	2	16.48	0.00	16.48	16.48	2	-0.43	-0.34	-0.52
300.	2	1516.5	0.1	1516.5	1516.4	2	-0.6	-0.5	-0.7	2	15.89	0.02	15.90	15.87	2	-0.32	-0.29	-0.35
400.	2	1514.0	0.2	1514.1	1513.8	2	-0.9	-0.7	-1.1	2	14.64	0.08	14.70	14.58	2	-0.41	-0.37	-0.46
500.	2	1510.7	0.8	1511.3	1510.1	2	-1.0	-0.9	-1.2	2	13.20	0.25	13.38	13.02	2	-0.45	-0.40	-0.50
600.	2	1507.7	0.5	1508.0	1507.3	2	-0.8	-0.7	-1.0	2	11.89	0.15	11.99	11.78	2	-0.37	-0.32	-0.42
700.	2	1505.4	0.1	1505.4	1505.3	2	-0.7	-0.6	-0.8	2	10.80	0.02	10.81	10.78	2	-0.33	-0.30	-0.37
800.	2	1503.4	0.8	1504.0	1502.8	2	-0.6	-0.4	-0.8	2	9.81	0.21	9.95	9.66	2	-0.30	-0.26	-0.34
900.	2	1501.7	1.7	1502.9	1500.5	2	-0.5	-0.3	-0.7	2	8.91	0.43	9.21	8.60	2	-0.27	-0.23	-0.32
1000.	2	1500.6	2.8	1502.6	1498.6	2	-0.3	-0.1	-0.6	2	8.18	0.70	8.67	7.68	2	-0.22	-0.16	-0.28
1100.	2	1500.3	2.7	1502.2	1498.4	1	0.0	0.0	0.0	2	7.67	0.64	8.12	7.21	2	-0.17	-0.14	-0.20
1200.	2	1499.9	2.1	1501.4	1498.4	2	-0.1	-0.2	-0.2	2	7.13	0.51	7.49	6.77	2	-0.16	-0.13	-0.19
1300.	2	1499.6	1.8	1500.8	1498.3	2	-0.1	-0.0	-0.2	2	6.63	0.39	6.90	6.35	2	-0.15	-0.13	-0.18
1400.	2	1499.3	1.3	1500.2	1498.4	2	-0.1	0.0	-0.2	2	6.16	0.28	6.35	5.96	2	-0.14	-0.12	-0.17
1500.	2	1499.2	0.8	1499.8	1498.6	1	0.1	0.1	0.1	2	5.72	0.18	5.85	5.59	2	-0.13	-0.11	-0.15
1750.	2	1499.4	0.0	1499.4	1499.4	2	0.0	0.1	-0.0	2	4.77	0.00	4.77	4.77	2	-0.11	-0.10	-0.13
2000.	1	1500.7	0.0	1500.7	1500.7	1	0.2	0.2	0.2	1	4.10	0.00	4.10	4.10	1	-0.08	-0.09	-0.09

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 112 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1537.0	0.0	1537.0	1537.0	0	0.0	0.0	0.0	0.0	4	25.14	25.54	24.66
10.	1	1537.0	0.0	1537.0	1537.0	1	0.0	0.0	0.0	0.0	4	24.69	24.90	24.44
20.	1	1537.1	0.0	1537.1	1537.1	1	0.3	0.3	0.3	0.3	4	23.20	24.80	23.43
30.	1	1535.5	0.0	1535.5	1535.5	1	-9.8	-9.8	-9.8	-9.8	4	24.28	0.67	24.11
50.	1	1529.9	0.0	1529.9	1529.9	1	-8.5	-8.5	-8.5	-8.5	4	21.38	0.53	21.84
75.	1	1524.3	0.0	1524.3	1524.3	1	-6.8	-6.8	-6.8	-6.8	4	19.45	0.69	20.34
100.	1	1523.8	0.0	1523.8	1523.8	1	-0.6	-0.6	-0.6	-0.6	4	18.39	1.02	19.27
125.	1	1523.0	0.0	1523.0	1523.0	1	-1.0	-1.0	-1.0	-1.0	4	18.02	0.84	18.86
150.	1	1522.2	0.0	1522.2	1522.2	1	-1.0	-1.0	-1.0	-1.0	4	17.67	0.69	18.46
200.	1	1520.5	0.0	1520.5	1520.5	1	-1.0	-1.0	-1.0	-1.0	4	17.01	0.52	17.64
250.	1	1518.6	0.0	1518.6	1518.6	1	-1.2	-1.2	-1.2	-1.2	4	16.13	0.61	16.76
300.	1	1516.6	0.0	1516.6	1516.6	1	-1.2	-1.2	-1.2	-1.2	4	15.35	0.66	15.91
400.	1	1513.0	0.0	1513.0	1513.0	1	-1.1	-1.1	-1.1	-1.1	3	14.09	0.49	14.42
500.	1	1509.5	0.0	1509.5	1509.5	1	-1.1	-1.1	-1.1	-1.1	2	12.81	0.06	12.85
600.	1	1506.6	0.0	1506.6	1506.6	1	-0.9	-0.9	-0.9	-0.9	2	11.51	0.11	11.58
700.	1	1504.4	0.0	1504.4	1504.4	1	-0.7	-0.7	-0.7	-0.7	2	10.36	0.52	10.19
800.	1	1502.7	0.0	1502.7	1502.7	1	-0.5	-0.5	-0.5	-0.5	2	9.50	0.16	9.61
900.	1	1502.5	0.0	1502.5	1502.5	1	-0.1	-0.1	-0.1	-0.1	2	8.90	0.30	9.11
1000.	1	1502.2	0.0	1502.2	1502.2	1	-0.1	-0.1	-0.1	-0.1	2	8.34	0.35	8.58
1100.	1	1501.8	0.0	1501.8	1501.8	1	-0.1	-0.1	-0.1	-0.1	2	7.83	0.30	8.04
1200.	1	1501.3	0.0	1501.3	1501.3	1	-0.2	-0.2	-0.2	-0.2	2	7.31	0.23	7.47
1300.	1	1500.6	0.0	1500.6	1500.6	1	-0.2	-0.2	-0.2	-0.2	2	6.78	0.13	6.87
1400.	1	1499.8	0.0	1499.8	1499.8	1	-0.2	-0.2	-0.2	-0.2	2	6.26	0.01	6.26
1500.	1	1498.8	0.0	1498.8	1498.8	1	-0.3	-0.3	-0.3	-0.3	2	5.72	0.14	5.82
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	4.93	0.00	4.93
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	4.31	0.00	4.31
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	3.37	0.00	3.37
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	3.19	0.00	3.19

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 112 FOR MONTH 9

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.67	0.00	25.67	25.67	1	0.00	0.00	0.00		
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.65	0.00	25.65	25.65	1	-0.06	-0.06	-0.06		
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.51	0.00	25.51	25.51	1	-0.43	-0.43	-0.43		
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.25	0.00	25.25	25.25	1	-0.79	-0.79	-0.79		
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	24.26	0.00	24.26	24.26	1	-3.20	-3.20	-3.20		
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	21.89	0.00	21.89	21.89	1	-2.89	-2.89	-2.89		
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	20.19	0.00	20.19	20.19	1	-0.61	-0.61	-0.61		
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	19.72	0.00	19.72	19.72	1	-0.57	-0.57	-0.57		
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	19.30	0.00	19.30	19.30	1	-0.51	-0.51	-0.51		
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.65	0.00	18.65	18.65	1	-0.20	-0.20	-0.20		
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.30	0.00	18.30	18.30	1	-0.21	-0.21	-0.21		
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.98	0.00	17.98	17.98	1	-0.18	-0.18	-0.18		
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.45	0.00	17.45	17.45	1	-0.10	-0.10	-0.10		
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	16.83	0.00	16.83	16.83	1	-0.30	-0.30	-0.30		
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	15.51	0.00	15.51	15.51	1	-0.40	-0.40	-0.40		
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	13.45	0.00	13.45	13.45	1	-1.06	-1.06	-1.06		
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.49	0.00	10.49	10.49	1	-0.90	-0.90	-0.90		
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	8.46	0.00	8.46	8.46	1	-0.43	-0.43	-0.43		
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	7.08	0.00	7.08	7.08	1	-0.51	-0.51	-0.51		
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.71	0.00	5.71	5.71	1	-0.42	-0.42	-0.42		
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.92	0.00	4.92	4.92	1	-0.13	-0.13	-0.13		
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.54	0.00	4.54	4.54	1	-0.10	-0.10	-0.10		
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.30	0.00	4.30	4.30	1	-0.04	-0.04	-0.04		
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.10	0.00	4.10	4.10	1	-0.08	-0.08	-0.08		
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.84	0.00	3.84	3.84	1	-0.01	-0.01	-0.01		
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.65	0.00	3.65	3.65	1	-0.01	-0.01	-0.01		
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.32	0.00	3.32	3.32	1	-0.02	-0.02	-0.02		
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.92	0.00	2.92	2.92	1	-0.02	-0.02	-0.02		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 112 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.20	0.00	25.20	25.20	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.28	0.00	25.28	25.28	1	0.24	0.24	0.24
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.37	0.00	25.37	25.37	1	0.27	0.27	0.27
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.45	0.00	25.45	25.45	1	0.24	0.24	0.24
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	25.50	0.00	25.50	25.50	1	-3.35	-3.35	-3.35
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	22.97	0.00	22.97	22.97	1	-3.08	-3.08	-3.08
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	21.08	0.00	21.08	21.08	1	-0.91	-0.91	-0.91
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	20.33	0.00	20.33	20.33	1	-0.91	-0.91	-0.91
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	19.69	0.00	19.69	19.69	1	-0.78	-0.78	-0.78
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.75	0.00	18.75	18.75	1	-0.23	-0.23	-0.23
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.34	0.00	18.34	18.34	1	-0.25	-0.25	-0.25
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.98	0.00	17.98	17.98	1	-0.20	-0.20	-0.20
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.40	0.00	17.40	17.40	1	-0.14	-0.14	-0.14
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	16.86	0.00	16.86	16.86	1	-0.44	-0.44	-0.44
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	15.07	0.00	15.07	15.07	1	-0.66	-0.66	-0.66
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	12.74	0.00	12.74	12.74	1	-0.81	-0.81	-0.81
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	10.50	0.00	10.50	10.50	1	-0.47	-0.47	-0.47
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	8.31	0.00	8.31	8.31	1	-0.87	-0.87	-0.87
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	6.65	0.00	6.65	6.65	1	-0.60	-0.60	-0.60
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	5.62	0.00	5.62	5.62	1	-0.29	-0.29	-0.29
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.97	0.00	4.97	4.97	1	-0.20	-0.20	-0.20
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.62	0.00	4.62	4.62	1	-0.09	-0.09	-0.09
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.43	0.00	4.43	4.43	1	-0.02	-0.02	-0.02
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.29	0.00	4.29	4.29	1	-0.07	-0.07	-0.07
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.86	0.00	3.86	3.86	1	-0.04	-0.04	-0.04
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.60	0.00	3.60	3.60	1	-0.03	-0.03	-0.03
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.22	0.00	3.22	3.22	1	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.74	0.00	2.74	2.74	1	-0.03	-0.03	-0.03

SUMMARY FOR QUADKANT 1 OF MARSDEN SQUARE 112 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1527.1	0.4	1527.6	1526.8	0	0.0	0.0	0.0	0.0	3	0.00	0.03	0.00
10.	3	1527.3	0.4	1527.8	1527.0	3	0.6	0.6	0.6	0.6	3	0.03	0.03	0.03
20.	3	1527.5	0.4	1528.0	1527.2	3	0.6	0.6	0.6	0.6	3	0.03	0.03	0.03
30.	3	1527.7	0.4	1528.2	1527.4	3	0.6	0.6	0.6	0.6	3	0.02	0.03	0.03
40.	3	1527.7	0.2	1527.9	1527.6	3	-1.5	0.5	-5.5	-5.5	3	-0.47	0.03	-2.07
75.	3	1525.4	1.9	1527.5	1523.9	3	-2.9	-0.2	-4.5	-4.5	3	-1.25	-0.27	-1.83
100.	3	1523.2	2.5	1526.0	1521.4	3	-2.9	-0.6	-4.9	-4.9	3	-1.22	-0.43	-1.95
125.	3	1521.5	0.8	1522.3	1520.7	3	-2.1	-0.9	-4.5	-4.5	3	-0.89	-0.44	-1.77
150.	3	1520.0	0.9	1520.8	1519.1	3	-1.8	-0.7	-3.9	-3.9	3	-0.78	-0.41	-1.48
200.	3	1517.8	2.6	1519.6	1514.8	3	-0.4	-0.6	-0.7	-0.7	3	-0.31	-0.24	-0.40
250.	3	1517.0	2.5	1514.8	1514.2	3	-0.5	-0.4	-0.5	-0.5	3	-0.30	-0.26	-0.33
300.	3	1516.2	2.2	1517.7	1513.7	3	-0.4	-0.6	-0.7	-0.7	3	-0.30	-0.18	-0.37
400.	3	1513.4	1.0	1514.6	1512.7	3	-0.8	-0.6	-1.2	-1.2	3	-0.41	-0.30	-0.55
500.	3	1510.4	0.9	1511.9	1510.4	3	-1.0	-0.9	-1.2	-1.2	3	-0.40	-0.37	-0.43
600.	3	1508.1	0.5	1508.7	1507.7	3	-0.7	-0.6	-0.8	-0.8	3	-0.37	-0.33	-0.43
700.	3	1505.7	0.1	1505.8	1505.6	3	-0.5	-0.4	-0.6	-0.6	3	-0.31	-0.26	-0.37
800.	3	1503.8	0.7	1504.4	1503.0	3	-0.6	-0.6	-1.2	-1.2	3	-0.28	-0.18	-0.37
900.	3	1502.2	1.2	1503.2	1500.9	3	-0.5	-0.3	-0.6	-0.6	3	-0.23	-0.18	-0.30
1000.	3	1501.1	0.9	1501.7	1500.1	3	-0.3	-0.3	-0.6	-0.6	3	-0.23	-0.18	-0.30
1100.	3	1500.2	0.4	1501.0	1499.5	3	-0.2	-0.3	-0.3	-0.3	3	-0.16	-0.15	-0.14
1200.	3	1500.0	0.4	1500.3	1499.5	3	0.0	0.3	-0.3	-0.3	3	-0.12	-0.08	-0.14
1300.	3	1500.0	0.4	1500.4	1499.7	3	0.0	0.1	-0.2	-0.2	3	-0.13	-0.10	-0.17
1400.	3	1499.7	0.6	1500.3	1499.1	3	-0.2	-0.0	-0.2	-0.2	3	-0.16	-0.14	-0.14
1500.	3	1499.3	0.8	1500.2	1498.6	3	-0.1	-0.0	-0.2	-0.2	3	-0.15	-0.14	-0.16
1750.	3	1499.0	0.7	1499.7	1498.3	3	0.0	0.1	-0.1	-0.1	3	-0.11	-0.09	-0.15
2000.	3	1500.5	0.3	1500.7	1500.1	3	0.2	0.2	0.1	0.1	3	-0.07	-0.05	-0.09
2500.	3	1505.5	0.2	1505.7	1505.4	3	0.4	0.4	0.4	0.4	3	-0.04	-0.03	-0.05
3000.	2	1512.6	0.0	1512.6	1512.6	2	0.5	0.5	0.4	0.4	2	-0.02	-0.01	-0.02
4000.	1	1524.6	0.0	1524.6	1524.6	1	0.5	0.5	0.5	0.5	1	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 112 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1525.4	0.0	1525.4	1525.4	0	0.0	0.0	0.0	1	20.65	0.00	20.65	20.65	0	0.00	0.00	0.00
10.	1	1525.6	0.0	1525.6	1525.6	1	0.3	0.3	0.3	1	20.66	0.00	20.66	20.66	1	0.03	0.03	0.03
20.	1	1525.8	0.0	1525.8	1525.8	1	0.6	0.6	0.6	1	20.67	0.00	20.67	20.67	1	0.03	0.03	0.03
30.	1	1526.0	0.0	1526.0	1526.0	1	0.6	0.6	0.6	1	20.68	0.00	20.68	20.68	1	0.03	0.03	0.03
40.	1	1526.1	0.0	1526.1	1526.1	1	-4.6	-4.6	-4.6	1	20.58	0.00	20.58	20.58	1	-1.83	-1.83	-1.83
75.	1	1523.0	0.0	1523.0	1523.0	1	-3.8	-3.8	-3.8	1	19.26	0.00	19.26	19.26	1	-1.61	-1.61	-1.61
100.	1	1521.0	0.0	1521.0	1521.0	1	-1.0	-1.0	-1.0	1	18.38	0.00	18.38	18.38	1	-0.51	-0.51	-0.51
125.	1	1520.3	0.0	1520.3	1520.3	1	-0.9	-0.9	-0.9	1	16.01	0.00	16.01	16.01	1	-0.45	-0.45	-0.45
150.	1	1519.7	0.0	1519.7	1519.7	1	-0.6	-0.6	-0.6	1	17.66	0.00	17.66	17.66	1	-0.37	-0.37	-0.37
200.	1	1518.4	0.0	1518.4	1518.4	1	-1.0	-1.0	-1.0	1	16.99	0.00	16.99	16.99	1	-0.46	-0.46	-0.46
250.	1	1516.9	0.0	1516.9	1516.9	1	-0.9	-0.9	-0.9	1	16.26	0.00	16.26	16.26	1	-0.45	-0.45	-0.45
300.	1	1515.6	0.0	1515.6	1515.6	1	-0.7	-0.7	-0.7	1	15.61	0.00	15.61	15.61	1	-0.34	-0.34	-0.34
400.	1	1513.2	0.0	1513.2	1513.2	1	-0.8	-0.8	-0.8	1	14.41	0.00	14.41	14.41	1	-0.42	-0.42	-0.42
500.	1	1510.5	0.0	1510.5	1510.5	1	-0.4	-0.4	-0.4	1	13.14	0.00	13.14	13.14	1	-0.30	-0.30	-0.30
600.	1	1507.8	0.0	1507.8	1507.8	1	-1.1	-1.1	-1.1	1	11.94	0.00	11.94	11.94	1	-0.46	-0.46	-0.46
700.	1	1505.2	0.0	1505.2	1505.2	1	-0.5	-0.5	-0.5	1	10.76	0.00	10.76	10.76	1	-0.26	-0.26	-0.26
800.	1	1503.6	0.0	1503.6	1503.6	1	-0.5	-0.5	-0.5	1	9.88	0.00	9.88	9.88	1	-0.27	-0.27	-0.27
900.	1	1502.2	0.0	1502.2	1502.2	1	-0.4	-0.4	-0.4	1	9.04	0.00	9.04	9.04	1	-0.26	-0.26	-0.26
1000.	1	1501.8	0.0	1501.8	1501.8	1	0.1	0.1	0.1	1	8.48	0.00	8.48	8.48	1	-0.10	-0.10	-0.10
1100.	1	1501.9	0.0	1501.9	1501.9	1	0.0	0.0	0.0	1	8.08	0.00	8.08	8.08	1	-0.12	-0.12	-0.12
1200.	1	1501.7	0.0	1501.7	1501.7	1	-0.1	-0.1	-0.1	1	7.57	0.00	7.57	7.57	1	-0.17	-0.17	-0.17
1300.	1	1501.0	0.0	1501.0	1501.0	1	-0.2	-0.2	-0.2	1	6.99	0.00	6.99	6.99	1	-0.18	-0.18	-0.18
1400.	1	1500.1	0.0	1500.1	1500.1	1	-0.3	-0.3	-0.3	1	6.35	0.00	6.35	6.35	1	-0.21	-0.21	-0.21
1500.	1	1499.2	0.0	1499.2	1499.2	1	-0.3	-0.3	-0.3	1	5.74	0.00	5.74	5.74	1	-0.19	-0.19	-0.19
1750.	1	1498.8	0.0	1498.8	1498.8	1	0.2	0.2	0.2	1	4.63	0.00	4.63	4.63	1	-0.10	-0.10	-0.10
2000.	1	1500.4	0.0	1500.4	1500.4	1	0.2	0.2	0.2	1	4.02	0.00	4.02	4.02	1	-0.06	-0.06	-0.06
2500.	1	1505.4	0.0	1505.4	1505.4	1	0.4	0.4	0.4	1	3.21	0.00	3.21	3.21	1	-0.04	-0.04	-0.04

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 112 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	0	1526.4	0.0	1526.4	1526.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	
10.	1	1526.6	0.0	1526.6	1526.6	1	0.6	0.6	0.6	0.6	1	-0.03	0.03	-0.03	-0.03	
20.	1	1526.2	0.0	1526.2	1526.2	1	-1.2	-1.2	-1.2	-1.2	1	-0.61	0.61	-0.61	-0.61	
30.	1	1526.9	0.0	1526.9	1526.9	1	-5.5	-5.5	-5.5	-5.5	1	-2.07	2.07	-2.07	-2.07	
50.	1	1521.6	0.0	1521.6	1521.6	1	-5.0	-5.0	-5.0	-5.0	1	-1.94	1.94	-1.94	-1.94	
75.	1	1518.1	0.0	1518.1	1518.1	1	-4.3	-4.3	-4.3	-4.3	1	-1.65	1.65	-1.65	-1.65	
100.	1	1517.7	0.0	1517.7	1517.7	1	-6.5	-6.5	-6.5	-6.5	1	-0.33	0.33	-0.33	-0.33	
125.	1	1517.7	0.0	1517.7	1517.7	1	0.0	0.0	0.0	0.0	1	-0.16	0.16	-0.16	-0.16	
150.	1	1516.5	0.0	1516.5	1516.5	1	-1.5	-1.5	-1.5	-1.5	1	-0.66	0.66	-0.66	-0.66	
200.	1	1516.5	0.0	1516.5	1516.5	1	0.0	0.0	0.0	0.0	1	-0.14	0.14	-0.14	-0.14	
250.	1	1516.3	0.0	1516.3	1516.3	1	-0.1	-0.1	-0.1	-0.1	1	-0.20	0.20	-0.20	-0.20	
300.	1	1515.4	0.0	1515.4	1515.4	1	-0.2	-0.2	-0.2	-0.2	1	-0.21	0.21	-0.21	-0.21	
400.	1	1514.9	0.0	1514.9	1514.9	1	-0.3	-0.3	-0.3	-0.3	1	-0.24	0.24	-0.24	-0.24	
500.	1	1510.8	0.0	1510.8	1510.8	1	-1.2	-1.2	-1.2	-1.2	1	-0.51	0.51	-0.51	-0.51	
600.	1	1508.3	0.0	1508.3	1508.3	1	-0.8	-0.8	-0.8	-0.8	1	-0.34	0.34	-0.34	-0.34	
700.	1	1502.6	0.0	1502.6	1502.6	1	-1.7	-1.7	-1.7	-1.7	1	-0.61	0.61	-0.61	-0.61	
800.	1	1501.8	0.0	1501.8	1501.8	1	-0.2	-0.2	-0.2	-0.2	1	-0.21	0.21	-0.21	-0.21	
900.	1	1497.5	0.0	1497.5	1497.5	1	-1.3	-1.3	-1.3	-1.3	1	-0.47	0.47	-0.47	-0.47	
1000.	1	1496.4	0.0	1496.4	1496.4	1	-0.3	-0.3	-0.3	-0.3	1	-0.21	0.21	-0.21	-0.21	
1100.	1	1494.9	0.0	1494.9	1494.9	1	-0.5	-0.5	-0.5	-0.5	1	-0.25	0.25	-0.25	-0.25	
1200.	1	1494.0	0.0	1494.0	1494.0	1	-0.3	-0.3	-0.3	-0.3	1	-0.19	0.19	-0.19	-0.19	
1300.	1	1494.7	0.0	1494.7	1494.7	1	0.2	0.2	0.2	0.2	1	-0.08	0.08	-0.08	-0.08	
1400.	1	1495.3	0.0	1495.3	1495.3	1	0.2	0.2	0.2	0.2	1	-0.08	0.08	-0.08	-0.08	
1500.	1	1495.9	0.0	1495.9	1495.9	1	0.2	0.2	0.2	0.2	1	-0.08	0.08	-0.08	-0.08	
1750.	1	1496.9	0.0	1496.9	1496.9	1	0.1	0.1	0.1	0.1	1	-0.09	0.09	-0.09	-0.09	
2000.	1	1498.9	0.0	1498.9	1498.9	1	0.2	0.2	0.2	0.2	1	-0.06	0.06	-0.06	-0.06	
2500.	1	1505.9	0.0	1505.9	1505.9	1	0.4	0.4	0.4	0.4	1	-0.02	0.02	-0.02	-0.02	

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 112 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN
0.	3	1528.3	0.7	1529.1	1527.8	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	3	1528.5	0.6	1529.2	1528.0	3	0.5	0.6	0.6	0.3	4	-0.86	0.03	-3.77
20.	3	1528.6	0.7	1529.4	1528.1	3	0.5	0.6	0.6	0.3	4	-0.82	0.03	-3.26
30.	3	1528.4	0.7	1529.6	1528.3	3	0.6	0.6	0.6	0.6	4	-0.75	0.03	-3.25
50.	3	1529.1	0.7	1529.9	1528.6	3	0.5	0.5	0.5	0.5	4	-0.69	0.03	-2.76
75.	3	1525.7	2.1	1528.1	1524.5	3	-4.2	-2.2	-2.1	-5.4	4	-1.89	-1.04	-2.32
100.	3	1522.9	3.0	1526.4	1521.1	3	-3.4	-2.1	-2.1	-4.1	4	-1.48	-0.95	-1.82
125.	3	1522.1	2.1	1524.5	1520.7	3	-1.0	-0.2	-0.2	-2.2	4	-0.56	-0.28	-0.94
150.	3	1521.4	1.4	1523.0	1520.3	3	-0.9	-0.4	-0.4	-2.0	4	-0.52	-0.28	-0.83
200.	3	1520.1	0.9	1521.0	1519.3	3	-0.3	-0.4	-0.6	-0.6	4	-0.32	-0.12	-0.51
250.	3	1519.4	1.4	1520.9	1518.2	3	-0.4	-0.1	-0.1	-0.7	4	-0.30	-0.19	-0.37
300.	3	1518.6	1.7	1520.3	1517.0	3	-0.6	-0.6	-0.6	-0.6	4	-0.30	-0.24	-0.37
400.	3	1516.4	1.7	1517.8	1514.5	3	-0.8	-0.6	-1.2	-1.2	4	-0.40	-0.30	-0.49
500.	3	1513.3	1.6	1514.6	1511.8	3	-1.2	-0.6	-1.8	-1.8	3	-0.44	-0.34	-0.55
600.	3	1509.6	1.2	1510.9	1508.6	3	-1.1	-0.6	-1.1	-2.0	3	-0.47	-0.37	-0.64
700.	3	1505.6	0.5	1506.1	1505.2	3	-1.4	-1.1	-0.6	-0.6	3	-0.59	-0.44	-0.71
800.	3	1502.0	1.5	1503.4	1500.5	3	-0.4	-0.2	-0.6	-0.6	3	-0.24	-0.18	-0.33
900.	3	1500.6	2.0	1502.8	1498.0	3	-0.5	-0.2	-0.6	-0.6	3	-0.24	-0.20	-0.46
1000.	3	1499.6	1.9	1501.7	1498.1	3	-0.0	-0.2	-0.6	-0.6	3	-0.15	-0.06	-0.27
1100.	3	1498.5	2.1	1500.7	1496.5	3	-0.3	-0.2	-0.6	-1.1	3	-0.20	-0.11	-0.40
1200.	3	1497.0	2.2	1499.6	1495.7	3	-0.3	-0.2	-0.6	-0.6	3	-0.21	-0.12	-0.32
1300.	3	1496.5	2.3	1499.0	1494.6	3	0.1	0.4	-0.2	-0.2	3	-0.11	-0.04	-0.17
1400.	3	1496.6	1.4	1498.6	1495.7	3	0.1	0.3	-0.1	-0.1	3	-0.10	-0.05	-0.15
1500.	3	1497.1	1.1	1498.3	1496.4	3	0.1	0.2	-0.1	-0.1	3	-0.12	-0.05	-0.15
1750.	3	1497.8	0.5	1498.4	1497.4	3	0.1	0.3	0.0	0.0	3	-0.09	-0.07	-0.11
2000.	3	1499.7	0.4	1500.0	1499.3	3	0.2	0.3	0.2	0.2	3	-0.06	-0.06	-0.07
2500.	3	1505.6	1.0	1506.7	1504.9	3	0.4	0.5	0.4	0.4	3	-0.02	-0.01	-0.03
3000.	1	1512.5	0.0	1512.5	1512.5	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SLOPE 112 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
50.	1	1528.1	0.0	1528.1	1528.1	0	0.0	0.0	0.0	0.0	1	21.44	0.00	21.44	21.44	
100.	1	1528.2	0.0	1528.2	1528.2	1	0.3	0.3	0.3	0.3	1	21.43	0.00	21.43	21.43	
200.	1	1528.4	0.0	1528.4	1528.4	1	0.6	0.6	0.6	0.6	1	21.42	0.00	21.42	21.42	
300.	1	1528.5	0.0	1528.5	1528.5	1	0.3	0.3	0.3	0.3	1	21.41	0.00	21.41	21.41	
400.	1	1527.9	0.0	1527.9	1527.9	1	-6.1	-6.1	-6.1	-6.1	1	21.37	0.00	21.37	21.07	
500.	1	1523.6	0.0	1523.6	1523.6	1	-5.2	-5.2	-5.2	-5.2	1	19.38	0.00	19.38	18.38	
600.	1	1521.4	0.0	1521.4	1521.4	1	-0.8	-0.8	-0.8	-0.8	1	18.49	0.00	18.49	18.49	
700.	1	1520.9	0.0	1520.9	1520.9	1	-0.6	-0.6	-0.6	-0.6	1	18.16	0.00	18.16	18.16	
800.	1	1520.3	0.0	1520.3	1520.3	1	-0.8	-0.8	-0.8	-0.8	1	17.84	0.00	17.84	17.84	
900.	1	1519.2	0.0	1519.2	1519.2	1	-0.8	-0.8	-0.8	-0.8	1	17.24	0.00	17.24	17.24	
1000.	1	1518.2	0.0	1518.2	1518.2	1	-0.6	-0.6	-0.6	-0.6	1	16.65	0.00	16.65	16.65	
1100.	1	1517.1	0.0	1517.1	1517.1	1	-0.6	-0.6	-0.6	-0.6	1	16.06	0.00	16.06	16.06	
1200.	1	1516.4	0.0	1516.4	1516.4	1	-1.0	-1.0	-1.0	-1.0	1	14.76	0.00	14.76	14.76	
1300.	1	1511.5	0.0	1511.5	1511.5	1	-0.8	-0.8	-0.8	-0.8	1	13.43	0.00	13.43	13.43	
1400.	1	1508.8	0.0	1508.8	1508.8	1	-1.0	-1.0	-1.0	-1.0	1	12.22	0.00	12.22	12.22	
1500.	1	1506.0	0.0	1506.0	1506.0	1	-0.7	-0.7	-0.7	-0.7	1	10.97	0.00	10.97	10.97	
1600.	1	1503.0	0.0	1503.0	1503.0	1	-1.0	-1.0	-1.0	-1.0	1	9.71	0.00	9.71	9.71	
1700.	1	1500.2	0.0	1500.2	1500.2	1	-0.8	-0.8	-0.8	-0.8	1	8.53	0.00	8.53	8.53	
1800.	1	1498.6	0.0	1498.6	1498.6	1	-0.5	-0.5	-0.5	-0.5	1	7.68	0.00	7.68	7.68	
1900.	1	1498.7	0.0	1498.7	1498.7	1	0.1	0.1	0.1	0.1	1	7.28	0.00	7.28	7.28	
2000.	1	1498.8	0.0	1498.8	1498.8	1	0.0	0.0	0.0	0.0	1	6.89	0.00	6.89	6.89	
2100.	1	1498.9	0.0	1498.9	1498.9	1	0.0	0.0	0.0	0.0	1	6.48	0.00	6.48	6.48	
2200.	1	1498.5	0.0	1498.5	1498.5	1	-0.2	-0.2	-0.2	-0.2	1	5.97	0.00	5.97	5.97	
2300.	1	1498.1	0.0	1498.1	1498.1	1	-0.1	-0.1	-0.1	-0.1	1	5.46	0.00	5.46	5.46	
2400.	1	1498.5	0.0	1498.5	1498.5	1	0.1	0.1	0.1	0.1	1	4.96	0.00	4.96	4.96	
2500.	1	1499.6	0.0	1499.6	1499.6	1	0.1	0.1	0.1	0.1	1	3.45	0.00	3.45	3.45	
2600.	1	1503.0	0.0	1503.0	1503.0	1	0.4	0.4	0.4	0.4	1	2.81	0.00	2.81	2.81	
2700.	1	1512.2	0.0	1512.2	1512.2	1	0.4	0.4	0.4	0.4	1	2.81	0.00	2.81	2.81	

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 112 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
C.	3	1510.2	0.5	1510.6	1509.7	0	0.0	0.14	15.62	15.36	0	0.00	0.00	0.00
10.	3	1510.4	0.5	1510.8	1509.9	3	0.2	0.12	15.61	15.38	3	0.06	0.30	-0.09
20.	3	1510.6	0.4	1510.9	1510.2	3	0.6	0.09	15.60	15.42	3	0.01	0.12	-0.06
30.	3	1510.7	0.3	1511.0	1510.4	3	0.3	0.5	15.59	15.41	3	-0.07	-0.03	-0.10
40.	3	1510.7	0.4	1511.3	1510.5	3	0.1	0.3	15.57	15.37	3	-0.02	-0.06	-0.06
50.	3	1511.2	0.4	1511.6	1510.9	3	0.6	1.0	15.53	15.34	3	-0.02	-0.02	-0.05
75.	3	1511.5	0.4	1511.9	1511.2	3	0.1	0.4	15.51	15.31	3	0.06	-0.07	-0.10
100.	3	1511.6	0.7	1512.3	1511.0	3	0.0	0.5	15.49	15.13	3	-0.13	-0.17	-0.22
125.	3	1511.6	1.0	1512.6	1510.6	3	-0.6	-0.1	15.46	14.86	3	-0.35	-0.20	-0.46
150.	3	1511.5	1.4	1513.3	1508.7	3	-0.9	-0.4	14.83	14.06	3	-0.39	-0.20	-0.73
200.	3	1509.2	1.9	1510.8	1507.0	3	-0.3	-0.3	14.42	13.30	3	-0.25	-0.13	-0.37
250.	3	1508.5	1.7	1510.1	1506.8	3	-0.4	-0.3	13.99	13.01	3	-0.27	-0.24	-0.30
300.	3	1507.4	1.5	1508.6	1505.7	3	-0.4	-0.2	13.08	12.22	3	-0.24	-0.20	-0.30
400.	3	1506.1	0.9	1507.4	1504.5	3	-0.4	-0.2	12.27	11.45	3	-0.25	-0.19	-0.33
500.	3	1504.2	0.9	1504.8	1503.2	3	-0.6	-0.4	11.13	10.63	3	-0.28	-0.24	-0.35
600.	3	1502.5	0.9	1503.2	1501.5	3	-0.5	-0.4	10.21	9.72	3	-0.28	-0.25	-0.32
700.	3	1500.7	1.1	1501.4	1499.4	3	-0.6	-0.4	9.27	8.73	3	-0.33	-0.26	-0.43
800.	2	1498.8	1.7	1500.2	1498.5	2	-0.6	0.31	9.52	8.04	2	-0.29	-0.22	-0.36
900.	2	1497.2	0.8	1497.8	1496.6	2	-0.4	0.31	8.73	7.18	2	-0.25	-0.18	-0.30
1000.	2	1496.3	0.1	1496.3	1496.2	2	-0.3	0.00	6.67	6.67	2	-0.20	-0.16	-0.24
1100.	2	1495.9	0.1	1496.0	1495.8	2	-0.1	0.04	6.19	6.14	2	-0.14	-0.12	-0.16
1200.	1	1495.7	0.0	1495.7	1495.7	1	-0.1	0.00	5.71	5.71	1	-0.15	-0.15	-0.15
1300.	1	1495.6	0.0	1495.6	1495.6	1	-0.0	0.00	5.29	5.29	1	-0.13	-0.13	-0.13
1400.	1	1495.6	0.0	1495.6	1495.6	1	0.0	0.00	4.90	4.90	1	-0.12	-0.12	-0.12
1500.	1	1496.7	0.0	1496.7	1496.7	1	0.1	0.00	4.16	4.16	1	-0.09	-0.09	-0.09

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 112 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1522.3	0.0	1522.3	1522.3	1	0.0	0.0	0.0	19.50	0	0.00	0.00	0.00
10.	1	1522.2	0.0	1522.2	1522.2	1	-0.3	0.0	0.0	19.41	1	-0.27	-0.27	-0.27
20.	1	1522.1	0.0	1522.1	1522.1	1	-0.3	0.0	0.0	19.33	1	-0.24	-0.24	-0.24
30.	1	1521.0	0.0	1521.0	1521.0	1	-4.4	0.0	0.0	18.88	1	-1.83	-1.83	-1.83
50.	1	1518.6	0.0	1518.6	1518.6	1	-2.3	0.0	0.0	17.93	1	-0.99	-0.99	-0.99
75.	1	1516.8	0.0	1516.8	1516.8	1	-2.2	0.0	0.0	17.19	1	-0.90	-0.90	-0.90
100.	1	1515.7	0.0	1515.7	1515.7	1	-0.7	0.0	0.0	16.69	1	-0.34	-0.34	-0.34
125.	1	1515.2	0.0	1515.2	1515.2	1	-0.6	0.0	0.0	16.38	1	-0.38	-0.38	-0.38
150.	1	1514.5	0.0	1514.5	1514.5	1	-0.9	0.0	0.0	16.05	1	-0.40	-0.40	-0.40
200.	1	1512.7	0.0	1512.7	1512.7	1	-1.4	0.0	0.0	15.26	1	-0.57	-0.57	-0.57
250.	1	1510.7	0.0	1510.7	1510.7	1	-1.2	0.0	0.0	14.41	1	-0.52	-0.52	-0.52
300.	1	1509.3	0.0	1509.3	1509.3	1	-0.7	0.0	0.0	13.75	1	-0.36	-0.36	-0.36
400.	1	1507.5	0.0	1507.5	1507.5	1	-0.4	0.0	0.0	12.77	1	-0.24	-0.24	-0.24
500.	1	1505.1	0.0	1505.1	1505.1	1	-1.0	0.0	0.0	11.65	1	-0.40	-0.40	-0.40
600.	1	1503.0	0.0	1503.0	1503.0	1	-0.5	0.0	0.0	10.62	1	-0.27	-0.27	-0.27
700.	1	1501.5	0.0	1501.5	1501.5	1	-0.5	0.0	0.0	9.75	1	-0.27	-0.27	-0.27
800.	1	1499.8	0.0	1499.8	1499.8	1	-0.5	0.0	0.0	8.86	1	-0.28	-0.28	-0.28
900.	1	1498.6	0.0	1498.6	1498.6	1	-0.4	0.0	0.0	8.10	1	-0.23	-0.23	-0.23
1000.	1	1498.8	0.0	1498.8	1498.8	1	0.1	0.0	0.0	7.71	1	-0.11	-0.11	-0.11
1100.	1	1498.9	0.0	1498.9	1498.9	1	0.0	0.0	0.0	7.30	1	-0.12	-0.12	-0.12
1200.	1	1498.8	0.0	1498.8	1498.8	1	-0.0	0.0	0.0	6.85	1	-0.14	-0.14	-0.14
1300.	1	1498.4	0.0	1498.4	1498.4	1	-0.1	0.0	0.0	6.34	1	-0.16	-0.16	-0.16
1400.	1	1497.7	0.0	1497.7	1497.7	1	-0.2	0.0	0.0	5.78	1	-0.17	-0.17	-0.17
1500.	1	1496.8	0.0	1496.8	1496.8	1	-0.3	0.0	0.0	5.17	1	-0.19	-0.19	-0.19

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 112 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1534.4	1.7	1535.8	1531.3	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.0
10.	6	1532.3	1.7	1534.4	1529.4	6	-6.6	0.6	-13.1	23.04	6	-2.84	0.09	-5.15
20.	6	1530.1	2.5	1533.0	1525.5	6	-6.8	0.6	-11.9	23.05	6	-2.81	-1.05	-4.65
30.	6	1526.5	4.1	1531.5	1521.3	6	-11.2	-4.6	-31.2	20.56	6	-4.39	-2.01	-11.79
50.	6	1521.8	5.3	1527.7	1514.0	6	-5.8	-3.0	-9.5	19.09	6	-2.45	-0.51	-3.51
75.	6	1518.1	4.3	1521.4	1510.4	6	-4.0	-1.2	-7.7	15.46	6	-1.61	-0.59	-3.02
100.	6	1515.9	3.2	1519.0	1510.0	6	-1.3	-0.2	-3.0	14.92	6	-0.57	-0.40	-1.19
125.	6	1515.2	3.0	1517.3	1509.4	6	-0.8	-0.5	-2.1	14.60	6	-0.47	-0.16	-0.84
150.	6	1514.7	2.8	1516.6	1509.0	6	-0.7	-0.5	-1.8	14.32	6	-0.39	-0.17	-0.76
200.	6	1513.7	2.7	1515.6	1508.4	6	-0.6	-0.3	-1.4	13.97	6	-0.30	-0.17	-0.56
250.	6	1512.9	2.6	1515.3	1508.0	6	-0.5	-0.1	-1.1	13.59	6	-0.30	-0.20	-0.49
300.	6	1512.2	2.6	1514.5	1507.5	6	-0.2	0.2	-0.7	13.23	6	-0.22	-0.09	-0.37
400.	6	1510.1	2.3	1513.7	1506.9	5	-1.2	-0.2	-2.5	12.60	5	-0.51	-0.19	-0.65
500.	6	1507.3	3.0	1511.7	1502.5	6	-0.5	-0.3	-1.4	13.49	6	-0.31	-0.21	-0.53
600.	6	1505.0	3.2	1508.0	1499.0	6	-0.8	-0.3	-1.7	11.98	6	-0.37	-0.23	-0.62
700.	6	1502.6	2.6	1505.9	1498.4	6	-0.8	-0.5	-1.5	9.54	6	-0.34	-0.13	-0.54
800.	6	1500.6	2.7	1504.7	1497.6	5	-0.6	-0.4	-0.9	10.16	6	-0.32	-0.24	-0.38
900.	6	1498.8	3.3	1503.7	1494.8	6	-0.5	-0.2	-0.9	8.95	6	-0.26	-0.18	-0.35
1000.	6	1497.5	3.7	1503.1	1492.8	6	-0.4	-0.2	-0.6	7.42	6	-0.23	-0.18	-0.24
1100.	5	1495.3	2.8	1498.8	1491.4	5	-0.3	-0.3	-0.4	6.43	5	-0.21	-0.20	-0.23
1200.	5	1494.6	2.6	1497.9	1491.3	5	-0.1	0.4	-0.3	5.85	5	-0.15	-0.03	-0.27
1300.	5	1494.5	1.9	1497.2	1492.6	5	-0.0	0.4	-0.2	5.42	5	-0.13	-0.02	-0.18
1400.	5	1494.7	1.3	1496.7	1493.6	5	0.1	0.4	-0.2	5.07	5	-0.11	-0.03	-0.16
1500.	4	1495.3	0.7	1496.3	1494.7	4	0.2	0.4	-0.1	4.82	4	-0.07	-0.03	-0.14

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 112 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1522.0	0.0	1522.0	1522.0	0	0.0	0.0	0.0	1	19.40	0.00	19.40	19.40	0	0.00	0.00	0.00
10.	1	1522.4	0.0	1522.4	1522.4	1	1.2	1.2	1.2	1	19.50	0.00	19.50	19.50	1	0.30	0.30	0.30
20.	1	1522.7	0.0	1522.7	1522.7	1	0.9	0.9	0.9	1	19.55	0.00	19.55	19.55	1	0.15	0.15	0.15
30.	1	1522.8	0.0	1522.8	1522.8	1	0.4	0.4	0.4	1	19.54	0.00	19.54	19.54	1	-0.09	-0.09	-0.09
50.	1	1520.8	0.0	1520.8	1520.8	1	-16.0	-16.0	-16.0	1	18.73	0.00	18.73	18.73	1	-5.87	-5.87	-5.87
75.	1	1514.5	0.0	1514.5	1514.5	1	-1.9	-1.9	-1.9	1	16.46	0.00	16.46	16.46	1	-0.83	-0.83	-0.83
100.	1	1513.7	0.0	1513.7	1513.7	1	0.0	0.0	0.0	1	16.07	0.00	16.07	16.07	1	-0.10	-0.10	-0.10
125.	1	1513.8	0.0	1513.8	1513.8	1	0.1	0.1	0.1	1	15.97	0.00	15.97	15.97	1	-0.12	-0.12	-0.12
150.	1	1513.8	0.0	1513.8	1513.8	1	0.0	0.0	0.0	1	15.83	0.00	15.83	15.83	1	-0.17	-0.17	-0.17
200.	1	1513.1	0.0	1513.1	1513.1	1	-0.7	-0.7	-0.7	1	15.37	0.00	15.37	15.37	1	-0.38	-0.38	-0.38
250.	1	1511.9	0.0	1511.9	1511.9	1	-0.7	-0.7	-0.7	1	14.78	0.00	14.78	14.78	1	-0.36	-0.36	-0.36
300.	1	1511.2	0.0	1511.2	1511.2	1	-0.2	-0.2	-0.2	1	14.33	0.00	14.33	14.33	1	-0.22	-0.22	-0.22
400.	1	1508.6	0.0	1508.6	1508.6	1	-1.3	-1.3	-1.3	1	13.09	0.00	13.09	13.09	1	-0.49	-0.49	-0.49
500.	1	1504.7	0.0	1504.7	1504.7	1	-1.1	-1.1	-1.1	1	11.55	0.00	11.55	11.55	1	-0.46	-0.46	-0.46
600.	1	1500.7	0.0	1500.7	1500.7	1	-1.3	-1.3	-1.3	1	10.02	0.00	10.02	10.02	1	-0.48	-0.48	-0.48
700.	1	1497.1	0.0	1497.1	1497.1	1	-1.1	-1.1	-1.1	1	8.65	0.00	8.65	8.65	1	-0.42	-0.42	-0.42
800.	1	1494.4	0.0	1494.4	1494.4	1	-0.8	-0.8	-0.8	1	7.51	0.00	7.51	7.51	1	-0.34	-0.34	-0.34
900.	1	1492.6	0.0	1492.6	1492.6	1	-0.5	-0.5	-0.5	1	6.62	0.00	6.62	6.62	1	-0.27	-0.27	-0.27
1000.	1	1492.1	0.0	1492.1	1492.1	1	-0.1	-0.1	-0.1	1	6.08	0.00	6.08	6.08	1	-0.16	-0.16	-0.16
1100.	1	1491.8	0.0	1491.8	1491.8	1	0.0	0.0	0.0	1	5.61	0.00	5.61	5.61	1	-0.10	-0.10	-0.10
1200.	1	1492.0	0.0	1492.0	1492.0	1	0.1	0.1	0.1	1	5.25	0.00	5.25	5.25	1	-0.11	-0.11	-0.11
1300.	1	1492.2	0.0	1492.2	1492.2	1	0.1	0.1	0.1	1	4.91	0.00	4.91	4.91	1	-0.10	-0.10	-0.10
1400.	1	1492.5	0.0	1492.5	1492.5	1	0.1	0.1	0.1	1	4.57	0.00	4.57	4.57	1	-0.10	-0.10	-0.10
1500.	1	1492.8	0.0	1492.8	1492.8	1	0.1	0.1	0.1	1	4.25	0.00	4.25	4.25	1	-0.10	-0.10	-0.10
1750.	1	1493.8	0.0	1493.8	1493.8	1	0.1	0.1	0.1	1	3.49	0.00	3.49	3.49	1	-0.09	-0.09	-0.09

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 112 FOR MONTH 8

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	1	1535.7	0.0	1535.7	1535.7	0	0.0	0.0	0.0	1	24.70	0.00	24.70	24.70	0	0.00	0.00	0.00		
10.	1	1533.2	0.0	1533.2	1533.2	1	7.6	7.6	7.6	1	23.61	0.00	23.61	23.61	1	3.32	3.32	3.32		
20.	1	1530.9	0.0	1530.9	1530.9	1	7.0	7.0	7.0	1	22.60	0.00	22.60	22.60	1	3.08	3.08	3.08		
30.	1	1528.6	0.0	1528.6	1528.6	1	7.0	7.0	7.0	1	21.64	0.00	21.64	21.64	1	2.93	2.93	2.93		
50.	1	1524.3	0.0	1524.3	1524.3	1	6.1	6.1	6.1	1	19.93	0.00	19.93	19.93	1	2.44	2.44	2.44		
75.	1	1519.7	0.0	1519.7	1519.7	1	5.6	5.6	5.6	1	18.14	0.00	18.14	18.14	1	2.18	2.18	2.18		
100.	1	1516.3	0.0	1516.3	1516.3	1	0.0	0.0	0.0	1	16.84	0.00	16.84	16.84	1	0.30	0.30	0.30		
125.	1	1515.9	0.0	1515.9	1515.9	1	0.5	0.5	0.5	1	16.60	0.00	16.60	16.60	1	0.29	0.29	0.29		
150.	1	1515.5	0.0	1515.5	1515.5	1	0.5	0.5	0.5	1	16.34	0.00	16.34	16.34	1	0.32	0.32	0.32		
200.	1	1514.4	0.0	1514.4	1514.4	1	0.8	0.8	0.8	1	15.74	0.00	15.74	15.74	1	0.38	0.38	0.38		
250.	1	1513.0	0.0	1513.0	1513.0	1	0.9	0.9	0.9	1	15.06	0.00	15.06	15.06	1	0.41	0.41	0.41		
300.	1	1510.8	0.0	1510.8	1510.8	1	1.6	1.6	1.6	1	14.17	0.00	14.17	14.17	1	0.64	0.64	0.64		
400.	1	1506.9	0.0	1506.9	1506.9	1	0.4	0.4	0.4	1	12.60	0.00	12.60	12.60	1	0.27	0.27	0.27		
500.	1	1504.9	0.0	1504.9	1504.9	1	0.6	0.6	0.6	1	11.59	0.00	11.59	11.59	1	0.31	0.31	0.31		
600.	1	1502.0	0.0	1502.0	1502.0	1	1.1	1.1	1.1	1	10.34	0.00	10.34	10.34	1	0.44	0.44	0.44		
700.	1	1498.6	0.0	1498.6	1498.6	1	1.0	1.0	1.0	1	9.01	0.00	9.01	9.01	1	0.41	0.41	0.41		
800.	1	1495.8	0.0	1495.8	1495.8	1	0.8	0.8	0.8	1	7.84	0.00	7.84	7.84	1	0.35	0.35	0.35		
900.	1	1493.6	0.0	1493.6	1493.6	1	0.7	0.7	0.7	1	6.84	0.00	6.84	6.84	1	0.30	0.30	0.30		
1000.	1	1492.5	0.0	1492.5	1492.5	1	0.2	0.2	0.2	1	6.16	0.00	6.16	6.16	1	0.18	0.18	0.18		
1100.	1	1491.9	0.0	1491.9	1491.9	1	0.2	0.2	0.2	1	5.63	0.00	5.63	5.63	1	0.16	0.16	0.16		
1200.	1	1491.6	0.0	1491.6	1491.6	1	0.1	0.1	0.1	1	5.16	0.00	5.16	5.16	1	0.14	0.14	0.14		
1300.	1	1491.6	0.0	1491.6	1491.6	1	0.0	0.0	0.0	1	4.75	0.00	4.75	4.75	1	0.12	0.12	0.12		
1400.	1	1491.8	0.0	1491.8	1491.8	1	0.1	0.1	0.1	1	4.41	0.00	4.41	4.41	1	0.10	0.10	0.10		
1500.	1	1492.5	0.0	1492.5	1492.5	1	0.3	0.3	0.3	1	4.19	0.00	4.19	4.19	1	0.08	0.08	0.08		
1750.	1	1495.3	0.0	1495.3	1495.3	1	0.3	0.3	0.3	1	3.85	0.00	3.85	3.85	1	0.04	0.04	0.04		
2000.	1	1498.4	0.0	1498.4	1498.4	1	0.4	0.4	0.4	1	3.59	0.00	3.59	3.59	1	0.03	0.03	0.03		
2500.	1	1505.5	0.0	1505.5	1505.5	1	0.4	0.4	0.4	1	3.24	0.00	3.24	3.24	1	0.02	0.02	0.02		
3000.	1	1512.8	0.0	1512.8	1512.8	1	0.4	0.4	0.4	1	2.92	0.00	2.92	2.92	1	0.02	0.02	0.02		

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 112 FOR MONTH 1C

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1529.4	0.0	1529.4	1529.4	0	0.0	0.0	0.0	1	22.22	0.00	22.22	22.22	0	0.00	0.00	0.00
10.	1	1529.5	0.0	1529.5	1529.5	1	0.3	0.3	0.3	1	22.20	0.00	22.20	22.20	1	-0.07	-0.07	-0.07
20.	1	1529.6	0.0	1529.6	1529.6	1	0.3	0.3	0.3	1	22.19	0.00	22.19	22.19	1	-0.03	-0.03	-0.03
30.	1	1529.7	0.0	1529.7	1529.7	1	0.3	0.3	0.3	1	22.17	0.00	22.17	22.17	1	-0.06	-0.06	-0.06
40.	1	1529.0	0.0	1529.0	1529.0	1	-2.4	-2.4	-2.4	1	21.74	0.00	21.74	21.74	1	-1.25	-1.25	-1.25
75.	1	1527.1	0.0	1527.1	1527.1	1	-2.3	-2.3	-2.3	1	20.78	0.00	20.78	20.78	1	-1.17	-1.17	-1.17
100.	1	1525.0	0.0	1525.0	1525.0	1	-2.7	-2.7	-2.7	1	19.81	0.00	19.81	19.81	1	-1.20	-1.20	-1.20
125.	1	1523.1	0.0	1523.1	1523.1	1	-2.3	-2.3	-2.3	1	18.98	0.00	18.98	18.98	1	-1.01	-1.01	-1.01
150.	1	1521.6	0.0	1521.6	1521.6	1	-1.8	-1.8	-1.8	1	18.32	0.00	18.32	18.32	1	-0.80	-0.80	-0.80
200.	1	1520.8	0.0	1520.8	1520.8	1	-0.2	-0.2	-0.2	1	17.78	0.00	17.78	17.78	1	-0.21	-0.21	-0.21
250.	1	1520.2	0.0	1520.2	1520.2	1	0.0	0.0	0.0	1	17.31	0.00	17.31	17.31	1	-0.30	-0.30	-0.30
300.	1	1519.0	0.0	1519.0	1519.0	1	-0.7	-0.7	-0.7	1	16.68	0.00	16.68	16.68	1	-0.38	-0.38	-0.38
400.	1	1515.1	0.0	1515.1	1515.1	1	-1.3	-1.3	-1.3	1	14.99	0.00	14.99	14.99	1	-0.55	-0.55	-0.55
500.	1	1512.7	0.0	1512.7	1512.7	1	-0.9	-0.9	-0.9	1	13.80	0.00	13.80	13.80	1	-0.40	-0.40	-0.40
500.	1	1509.4	0.0	1509.4	1509.4	1	-1.0	-1.0	-1.0	1	12.41	0.00	12.41	12.41	1	-0.43	-0.43	-0.43

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 113 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1521.9	4.9	1525.4	1518.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	2	1522.0	4.9	1525.5	1518.5	2	0.3	0.3	0.3	0.3	2	-0.09	-0.09	-0.09
20.	2	1522.1	4.9	1525.6	1518.6	2	0.3	0.3	0.3	0.3	2	-0.06	-0.06	-0.06
30.	2	1522.2	5.0	1525.7	1518.6	2	0.2	0.3	0.3	0.3	2	-0.08	-0.06	-0.13
40.	2	1522.4	5.0	1525.9	1518.8	2	0.3	0.3	0.3	0.3	2	-0.05	-0.08	-0.13
50.	2	1522.7	5.1	1526.3	1519.1	2	0.4	0.5	0.5	0.3	2	-0.05	-0.05	-0.07
75.	2	1522.9	5.0	1526.4	1519.3	2	0.2	0.2	0.2	0.1	2	-0.11	-0.06	-0.15
100.	2	1523.0	4.8	1526.4	1519.6	2	0.2	0.3	0.3	0.3	2	-0.11	-0.05	-0.15
125.	2	1523.2	4.6	1526.4	1519.9	2	0.2	0.2	0.4	0.6	2	-0.10	-0.04	-0.16
150.	2	1521.5	3.5	1524.0	1519.0	2	-1.2	-0.9	-0.9	-1.6	2	-0.57	-0.43	-0.71
200.	2	1521.5	3.5	1524.0	1519.0	2	-0.7	-0.5	-0.5	-0.9	2	-0.37	-0.30	-0.44
250.	2	1520.0	3.5	1522.5	1517.5	2	-0.4	-0.5	-0.5	-1.1	2	-0.37	-0.30	-0.44
300.	2	1518.7	4.2	1521.7	1515.7	2	-0.9	-0.8	-0.8	-1.0	2	-0.39	-0.36	-0.42
400.	2	1514.9	5.8	1519.0	1510.8	2	-1.2	-0.8	-0.8	-1.7	2	-0.50	-0.37	-0.62
500.	2	1511.5	4.8	1514.9	1508.1	2	-1.5	-1.5	-1.5	-1.5	2	-0.56	-0.55	-0.57
600.	2	1507.2	4.0	1510.0	1504.3	2	-1.1	-0.8	-0.8	-1.4	2	-0.44	-0.36	-0.52
700.	2	1503.1	4.9	1506.6	1499.6	2	-1.4	-1.3	-1.3	-1.5	2	-0.49	-0.49	-0.50
800.	2	1499.3	5.9	1503.4	1495.1	2	-0.8	-0.4	-0.4	-1.2	2	-0.33	-0.22	-0.44
900.	2	1495.7	5.6	1499.6	1491.7	2	-0.2	-0.1	-0.1	-0.3	2	-0.18	-0.16	-0.20
1000.	2	1494.3	5.1	1497.9	1490.7	2	-0.1	-0.1	-0.1	-0.2	2	-0.15	-0.15	-0.17
1100.	2	1493.9	5.2	1497.6	1490.2	2	-0.1	-0.1	-0.1	-0.2	2	-0.12	-0.09	-0.14
1200.	2	1493.8	5.3	1497.5	1490.0	2	0.1	0.2	0.2	-0.1	2	-0.11	-0.07	-0.14
1300.	2	1494.0	4.7	1497.3	1490.7	2	0.1	0.2	0.2	0.0	2	-0.10	-0.07	-0.13
1400.	2	1494.3	4.1	1497.2	1491.4	2	0.1	0.3	0.3	0.3	2	-0.09	-0.06	-0.13
1500.	2	1494.8	3.5	1497.2	1492.3	2	0.1	0.3	0.3	0.1	2	-0.07	-0.05	-0.09
1750.	2	1496.4	2.2	1497.9	1494.8	2	0.2	0.3	0.3	0.1	2	-0.04	-0.03	-0.07
2000.	2	1498.7	1.2	1499.5	1497.8	2	0.1	0.2	0.2	0.2	2	-0.04	-0.03	-0.07
2500.	1	1505.6	0.0	1505.6	1505.6	1	0.4	0.4	0.4	0.4	1	-0.03	-0.03	-0.03

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 113 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	60	1521.4	0.0	1522.4	1520.6	0	0.0	0.0	0.0	0.0	61	19.07	19.45	18.77
10.	60	1521.3	0.0	1522.1	1520.6	60	-0.4	0.3	-0.9	0.3	61	18.96	19.28	18.72
20.	60	1521.2	0.0	1522.0	1520.5	60	-0.4	0.3	-0.9	0.3	61	18.86	19.12	18.62
30.	60	1521.0	0.0	1521.7	1520.4	60	-0.4	0.3	-2.4	0.3	61	18.76	18.99	18.53
40.	60	1520.8	0.0	1521.4	1520.1	60	-0.4	0.2	-1.8	0.2	61	18.56	18.79	18.34
50.	60	1520.6	0.0	1521.3	1519.9	60	-0.3	0.1	-0.5	0.1	61	18.35	18.61	18.14
75.	60	1520.4	0.2	1521.2	1519.8	60	-0.2	0.1	-0.5	0.1	61	18.16	18.41	17.95
100.	61	1520.3	0.0	1520.8	1519.6	61	-0.1	0.4	-0.5	0.4	61	18.00	18.17	17.78
125.	61	1520.3	0.0	1521.0	1519.6	61	-0.0	0.2	-0.4	0.2	61	17.86	18.07	17.65
150.	61	1520.4	0.0	1520.6	1520.1	61	0.1	0.3	-0.2	0.3	61	17.63	17.70	17.53
200.	61	1520.5	0.0	1521.1	1520.1	61	0.1	0.4	-0.2	0.4	61	17.41	17.62	17.25
250.	61	1520.3	0.2	1521.1	1519.7	61	-0.1	2.4	-0.3	2.4	61	17.07	17.33	16.86
300.	61	1518.6	0.0	1519.6	1517.9	59	-0.5	-0.2	-0.7	-0.7	61	16.54	16.33	15.81
400.	60	1515.3	0.3	1516.1	1514.3	59	-1.3	-0.6	-3.0	-3.0	60	14.55	14.78	14.25
500.	60	1511.1	0.0	1512.3	1510.4	60	-1.3	-0.9	-1.6	-1.6	60	12.85	13.20	12.65
600.	57	1506.8	0.0	1507.9	1506.1	55	-1.3	-1.2	-1.5	-1.5	57	11.20	11.49	11.01
700.	2	1503.2	0.7	1503.7	1502.7	2	-1.2	-1.2	-1.2	-1.2	2	9.78	9.92	9.64
800.	1	1500.2	0.0	1500.2	1500.2	1	-0.6	-0.6	-0.6	-0.6	1	8.55	8.55	8.55
900.	1	1498.6	0.0	1498.6	1498.6	1	-0.9	-0.9	-0.9	-0.9	1	7.63	7.68	7.68
1000.	1	1496.0	0.0	1496.0	1496.0	1	-0.8	-0.8	-0.8	-0.8	1	6.63	6.63	6.63
1100.	1	1494.9	0.0	1494.9	1494.9	1	0.0	0.0	0.0	0.0	1	5.95	5.95	5.95
1200.	1	1495.4	0.0	1495.4	1495.4	1	0.2	0.2	0.2	0.2	1	5.64	5.64	5.64
1300.	1	1495.7	0.0	1495.7	1495.7	1	0.0	0.0	0.0	0.0	1	5.32	5.32	5.32
1400.	1	1496.0	0.0	1496.0	1496.0	1	0.1	0.1	0.1	0.1	1	4.98	4.98	4.98
1500.	1	1497.1	0.0	1497.1	1497.1	1	0.1	0.1	0.1	0.1	1	4.23	4.23	4.23
1750.	1	1499.3	0.0	1499.3	1499.3	1	0.2	0.2	0.2	0.2	1	3.78	3.78	3.78
2000.	1	1499.3	0.0	1499.3	1499.3	1	0.2	0.2	0.2	0.2	1	3.78	3.78	3.78

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 113 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	1	1528.5	0.0	1528.5	1528.5	0	0.0	0.0	0.0	21.71	21.71	0	0.00	0.00	0.00
10.	1	1528.5	0.0	1528.5	1528.5	1	0.0	0.0	0.0	21.67	21.67	1	-0.12	-0.12	-0.12
20.	1	1526.1	0.0	1528.1	1528.1	1	-1.2	-1.2	-1.2	21.44	21.44	1	-0.70	-0.70	-0.70
30.	1	1526.9	0.0	1526.9	1526.9	1	-4.9	-4.9	-4.9	20.91	20.91	1	-2.13	-2.13	-2.13
50.	1	1523.9	0.0	1523.9	1523.9	1	-4.6	-4.6	-4.6	19.67	19.67	1	-1.89	-1.89	-1.89
75.	1	1520.7	0.0	1520.7	1520.7	1	-3.9	-3.9	-3.9	18.44	18.44	1	-1.50	-1.50	-1.50
100.	1	1520.2	0.0	1520.2	1520.2	1	-0.6	-0.6	-0.6	18.13	18.13	1	-0.38	-0.38	-0.38
125.	1	1519.6	0.0	1519.6	1519.6	1	-0.7	-0.7	-0.7	17.77	17.77	1	-0.44	-0.44	-0.44
150.	1	1519.5	0.0	1519.5	1519.5	1	-0.1	-0.1	-0.1	17.60	17.60	1	-0.21	-0.21	-0.21
200.	1	1519.4	0.0	1519.4	1519.4	1	-0.1	-0.1	-0.1	17.33	17.33	1	-0.16	-0.16	-0.16
250.	1	1518.9	0.0	1518.9	1518.9	1	-0.3	-0.3	-0.3	16.91	16.91	1	-0.26	-0.26	-0.26
300.	1	1518.2	0.0	1518.2	1518.2	1	-0.4	-0.4	-0.4	16.42	16.42	1	-0.30	-0.30	-0.30
400.	1	1515.9	0.0	1515.9	1515.9	1	-0.7	-0.7	-0.7	15.21	15.21	1	-0.37	-0.37	-0.37
500.	1	1512.5	0.0	1512.5	1512.5	1	-1.0	-1.0	-1.0	13.74	13.74	1	-0.45	-0.45	-0.45
600.	1	1510.7	0.0	1510.7	1510.7	1	-0.5	-0.5	-0.5	12.74	12.74	1	-0.30	-0.30	-0.30
700.	1	1509.0	0.0	1509.0	1509.0	1	-1.7	-1.7	-1.7	10.70	10.70	1	-0.62	-0.62	-0.62
800.	1	1502.8	0.0	1502.8	1502.8	1	-0.7	-0.7	-0.7	9.68	9.68	1	-0.31	-0.31	-0.31
900.	1	1500.7	0.0	1500.7	1500.7	1	-0.6	-0.6	-0.6	8.67	8.67	1	-0.31	-0.31	-0.31
1000.	1	1499.4	0.0	1499.4	1499.4	1	-0.4	-0.4	-0.4	7.91	7.91	1	-0.23	-0.23	-0.23
1100.	1	1498.5	0.0	1498.5	1498.5	1	-0.3	-0.3	-0.3	7.23	7.23	1	-0.21	-0.21	-0.21
1200.	1	1497.8	0.0	1497.8	1497.8	1	-0.2	-0.2	-0.2	6.61	6.61	1	-0.19	-0.19	-0.19
1300.	1	1497.3	0.0	1497.3	1497.3	1	-0.2	-0.2	-0.2	6.08	6.08	1	-0.16	-0.16	-0.16
1400.	1	1497.0	0.0	1497.0	1497.0	1	-0.1	-0.1	-0.1	5.60	5.60	1	-0.15	-0.15	-0.15
1500.	1	1496.9	0.0	1496.9	1496.9	1	-0.0	-0.0	-0.0	5.18	5.18	1	-0.13	-0.13	-0.13
1750.	1	1497.9	0.0	1497.9	1497.9	1	0.1	0.1	0.1	4.43	4.43	1	-0.09	-0.09	-0.09
2000.	1	1499.8	0.0	1499.8	1499.8	1	0.2	0.2	0.2	3.88	3.88	1	-0.07	-0.07	-0.07
2500.	1	1504.0	0.0	1504.0	1504.0	1	0.4	0.4	0.4	3.36	3.36	1	-0.03	-0.03	-0.03
3000.	1	1513.1	0.0	1513.1	1513.1	1	0.4	0.4	0.4	3.02	3.02	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 113 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1539.3	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
10.	1	1539.2	0.0	1539.2	1539.2	1	-1.5	0.00	26.07	26.07	1	-0.91	-0.91	-0.91
20.	1	1537.9	0.0	1537.9	1537.9	1	-13.7	0.00	25.41	25.41	1	-6.25	-6.25	-6.25
30.	1	1534.0	0.0	1534.0	1534.0	1	-11.9	0.00	23.70	23.70	1	-5.21	-5.21	-5.21
50.	1	1529.8	0.0	1529.8	1529.8	0	0.0	0.00	21.90	21.90	1	-2.34	-2.34	-2.34
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
125.	1	1522.1	0.0	1522.1	1522.1	0	0.0	0.00	18.61	18.61	1	-1.12	-1.12	-1.12
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00
600.	1	1508.5	0.0	1508.5	1508.5	1	-1.6	0.00	12.12	12.12	1	-0.62	-0.62	-0.62

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 113 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
5.	1	1534.0	0.0	1534.0	1534.0	0	0.0	0.0	0.0	1	23.92	0.00	23.92	23.92	0	0.00	0.00	0.00
10.	1	1534.2	0.0	1534.2	1534.2	1	0.7	0.7	0.7	1	23.94	0.00	23.94	23.94	1	0.07	0.07	0.07
20.	1	1534.4	0.0	1534.4	1534.4	1	0.6	0.6	0.6	1	23.96	0.00	23.96	23.96	1	0.06	0.06	0.06
30.	1	1534.6	0.0	1534.6	1534.6	1	0.6	0.6	0.6	1	23.98	0.00	23.98	23.98	1	0.06	0.06	0.06
50.	1	1534.7	0.0	1534.7	1534.7	1	-4.6	-4.6	-4.6	1	23.88	0.00	23.88	23.88	1	-1.98	-1.98	-1.98
75.	1	1531.5	0.0	1531.5	1531.5	1	-3.9	-3.9	-3.9	1	22.42	0.00	22.42	22.42	1	-1.78	-1.78	-1.78
100.	1	1528.6	0.0	1528.6	1528.6	0	0.0	0.0	0.0	1	21.14	0.00	21.14	21.14	0	0.00	0.00	0.00
125.	1	1526.0	0.0	1526.0	1526.0	1	-3.2	-3.2	-3.2	1	20.04	0.00	20.04	20.04	1	-1.34	-1.34	-1.34
150.	1	1523.9	0.0	1523.9	1523.9	1	-2.4	-2.6	-2.6	1	19.12	0.00	19.12	19.12	1	-1.12	-1.12	-1.12
200.	1	1521.4	0.0	1521.4	1521.4	1	0.3	0.3	0.3	1	17.97	0.00	17.97	17.97	1	-0.14	-0.14	-0.14
250.	1	1521.2	0.0	1521.2	1521.2	1	-0.1	-0.1	-0.1	1	17.65	0.00	17.65	17.65	1	-0.20	-0.20	-0.20
300.	1	1520.4	0.0	1520.4	1520.4	1	-0.9	-0.9	-0.9	1	17.14	0.00	17.14	17.14	1	-0.39	-0.39	-0.39
400.	1	1517.5	0.0	1517.5	1517.5	1	-1.2	-1.2	-1.2	1	15.72	0.00	15.72	15.72	1	-0.49	-0.49	-0.49
500.	1	1511.0	0.0	1511.0	1511.0	1	-5.0	-5.0	-5.0	1	13.33	0.00	13.33	13.33	1	-1.58	-1.58	-1.58

SUMMARY FOR QUADRANT 1 OF MARSCEN SOLAPE 113 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	2	1529.3	1.3	1530.2	1528.4	0	0.0	0.0	0.0	2	22.01	0.42	22.30	21.71	0	0.00	0.00
10.	2	1529.4	1.3	1530.3	1528.5	2	0.3	0.3	0.3	2	22.00	0.45	22.31	21.68	2	-0.03	0.03
20.	2	1529.5	1.3	1530.5	1528.6	2	0.5	0.6	0.3	2	21.99	0.47	22.32	21.65	2	-0.03	0.03
30.	2	1529.7	1.4	1530.7	1528.7	2	0.5	0.6	0.3	2	21.98	0.50	22.33	21.62	2	-0.03	0.03
40.	2	1530.0	1.6	1531.1	1528.8	2	0.4	0.4	0.2	2	21.95	0.54	22.33	21.56	2	-0.08	-0.06
50.	2	1528.4	4.2	1531.4	1525.4	2	-1.9	0.4	-4.1	2	21.21	1.55	22.30	20.11	2	-0.90	-0.04
60.	2	1528.3	4.9	1529.8	1522.8	2	-4.3	-3.2	-5.5	2	20.27	1.80	21.54	19.00	2	-1.80	-1.35
70.	2	1524.0	2.4	1529.7	1522.3	2	-2.8	-0.6	-5.0	2	19.28	0.86	19.98	18.67	2	-1.21	-0.40
80.	2	1522.0	0.3	1522.2	1521.8	2	-2.4	-0.6	-4.3	2	18.44	0.11	18.52	18.36	2	-1.02	-0.38
90.	2	1519.8	2.0	1521.2	1518.4	2	-0.2	0.6	-0.2	2	17.43	0.17	17.87	16.99	2	-0.17	-0.12
100.	2	1519.6	2.3	1521.0	1517.8	2	-0.2	-0.1	-0.4	2	17.06	0.72	17.57	16.55	2	-0.23	-0.18
110.	2	1518.7	2.4	1520.4	1517.0	2	-0.6	-0.6	-0.6	2	16.57	0.75	17.10	14.04	2	-0.35	-0.33
120.	2	1515.7	2.7	1517.8	1514.0	2	-1.1	-0.8	-1.4	2	15.22	0.81	15.79	14.64	2	-0.50	-0.49
130.	2	1512.3	3.2	1514.5	1510.0	2	-0.9	-0.8	-1.1	2	13.68	0.91	14.32	13.04	2	-0.40	-0.35
140.	2	1508.3	2.8	1510.5	1506.5	2	-1.5	-1.4	-1.6	2	12.14	0.78	12.59	11.58	2	-0.55	-0.53
150.	2	1503.7	3.0	1505.8	1501.6	2	-1.6	-1.5	-1.6	2	10.36	0.71	10.93	9.79	2	-0.57	-0.56
160.	2	1498.7	2.5	1501.5	1497.9	2	-0.9	-0.6	-1.2	2	8.87	0.61	9.33	8.40	2	-0.37	-0.29
170.	2	1498.2	1.8	1498.4	1496.9	2	-0.1	-0.1	-0.1	2	8.01	0.45	8.32	7.69	2	-0.15	-0.12
180.	2	1497.5	1.4	1498.8	1496.1	2	-0.4	-0.1	-0.8	2	7.40	0.47	7.73	7.06	2	-0.23	-0.17
190.	2	1497.0	1.4	1498.7	1495.3	2	0.2	0.2	0.1	2	6.85	0.59	7.26	6.43	2	-0.09	-0.08
200.	2	1496.0	1.2	1496.8	1495.1	2	-0.9	-0.4	-1.4	2	6.19	0.30	6.40	5.97	2	-0.33	-0.21
210.	2	1494.8	0.4	1495.9	1494.3	2	0.1	0.4	0.2	2	5.45	0.10	5.52	5.38	2	-0.12	-0.06
220.	2	1494.8	1.1	1495.6	1494.0	2	0.1	0.2	-0.1	2	5.10	0.27	5.29	4.91	2	-0.11	-0.07
230.	2	1495.2	1.0	1495.9	1494.5	2	0.1	0.2	-0.1	2	4.79	0.24	4.96	4.62	2	-0.10	-0.08
240.	2	1496.6	0.5	1496.9	1496.2	2	0.2	0.3	0.2	2	4.13	0.12	4.21	3.69	2	-0.07	-0.06
250.	2	1499.1	0.2	1499.2	1498.9	2	0.3	0.4	0.3	2	3.72	0.04	3.75	3.20	2	-0.05	-0.04
260.	2	1495.5	0.3	1495.7	1495.3	2	0.4	0.4	0.4	2	3.24	0.06	3.28	3.20	2	-0.02	-0.02
270.	2	1512.8	0.1	1512.8	1512.7	2	0.4	0.4	0.4	2	2.93	0.01	2.94	2.92	2	-0.02	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 113 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1522.3	0.0	1522.3	1522.3	0	0.0	0.0	0.0	1	19.50	0.00	19.50	19.50	0	0.00	0.00	0.00
10.	1	1522.5	0.0	1522.5	1522.5	1	0.7	0.7	0.7	1	19.51	0.00	19.51	19.51	1	0.03	0.03	0.03
20.	1	1522.7	0.0	1522.7	1522.7	1	0.6	0.6	0.6	1	19.51	0.00	19.51	19.51	1	0.00	0.00	0.00
30.	1	1522.9	0.0	1522.9	1522.9	1	0.6	0.6	0.6	1	19.52	0.00	19.52	19.52	1	0.03	0.03	0.03
40.	1	1523.2	0.0	1523.2	1523.2	1	0.0	0.0	0.0	1	19.52	0.00	19.52	19.52	1	-0.30	-0.30	-0.30
50.	1	1523.6	0.0	1523.6	1523.6	1	-0.7	-0.7	-0.7	1	19.14	0.00	19.14	19.14	1	-3.46	-0.46	-0.46
75.	1	1522.0	0.0	1522.0	1522.0	1	-1.5	-1.5	-1.5	1	18.75	0.00	18.75	18.75	1	-0.61	-0.61	-0.61
125.	1	1521.2	0.0	1521.2	1521.2	1	-1.0	-1.0	-1.0	1	18.31	0.00	18.31	18.31	1	-0.54	-0.54	-0.54
150.	1	1520.8	0.0	1520.8	1520.8	1	0.0	0.0	0.0	1	18.04	0.00	18.04	18.04	1	-0.08	-0.08	-0.08
200.	1	1520.4	0.0	1520.4	1520.4	1	0.0	0.0	0.0	1	17.76	0.00	17.76	17.76	1	-0.30	-0.30	-0.30
250.	1	1520.1	0.0	1520.1	1520.1	1	-0.4	-0.4	-0.4	1	17.26	0.00	17.26	17.26	1	-0.30	-0.30	-0.30
300.	1	1519.2	0.0	1519.2	1519.2	1	-0.8	-0.8	-0.8	1	16.75	0.00	16.75	16.75	1	-0.27	-0.27	-0.27
400.	1	1516.8	0.0	1516.8	1516.8	1	-1.2	-1.2	-1.2	1	15.50	0.00	15.50	15.50	1	-0.61	-0.61	-0.61
500.	1	1513.7	0.0	1513.7	1513.7	1	0.0	0.0	0.0	1	14.07	0.00	14.07	14.07	1	-0.12	-0.12	-0.12
600.	1	1511.3	0.0	1511.3	1511.3	1	-1.7	-1.7	-1.7	1	12.93	0.00	12.93	12.93	1	-0.63	-0.63	-0.63
700.	1	1506.1	0.0	1506.1	1506.1	1	-1.4	-1.4	-1.4	1	11.04	0.00	11.04	11.04	1	-0.51	-0.51	-0.51
800.	1	1501.5	0.0	1501.5	1501.5	1	-1.6	-1.6	-1.6	1	9.34	0.00	9.34	9.34	1	-0.57	-0.57	-0.57
900.	1	1498.3	0.0	1498.3	1498.3	1	-0.3	-0.3	-0.3	1	8.07	0.00	8.07	8.07	1	-0.21	-0.21	-0.21
1000.	1	1497.2	0.0	1497.2	1497.2	1	-0.5	-0.5	-0.5	1	7.36	0.00	7.36	7.36	1	-0.24	-0.24	-0.24
1100.	1	1496.2	0.0	1496.2	1496.2	1	-0.3	-0.3	-0.3	1	6.67	0.00	6.67	6.67	1	-0.21	-0.21	-0.21
1200.	1	1496.0	0.0	1496.0	1496.0	1	0.1	0.1	0.1	1	6.19	0.00	6.19	6.19	1	-0.09	-0.09	-0.09
1300.	1	1496.3	0.0	1496.3	1496.3	1	-0.1	-0.1	-0.1	1	5.86	0.00	5.86	5.86	1	-0.10	-0.10	-0.10
1400.	1	1496.2	0.0	1496.2	1496.2	1	-0.2	-0.2	-0.2	1	5.43	0.00	5.43	5.43	1	-0.16	-0.16	-0.16
1500.	1	1496.0	0.0	1496.0	1496.0	1	-0.1	-0.1	-0.1	1	4.97	0.00	4.97	4.97	1	-0.14	-0.14	-0.14
1750.	1	1497.1	0.0	1497.1	1497.1	1	0.2	0.2	0.2	1	4.27	0.00	4.27	4.27	1	-0.07	-0.07	-0.07
2000.	1	1499.2	0.0	1499.2	1499.2	1	0.4	0.4	0.4	1	3.74	0.00	3.74	3.74	1	-0.03	-0.03	-0.03
2500.	1	1505.6	0.0	1505.6	1505.6	1	0.4	0.4	0.4	1	3.26	0.00	3.26	3.26	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 113 FOR MONTH 1

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	1	1519.5	0.0	1519.5	1519.5	0	0.0	0.0	0.0	1	18.47	0.00	18.47	18.47	0	0.00	0.00	0.00		
10.	1	1519.7	0.0	1519.7	1519.7	1	0.6	0.6	0.6	1	15.46	0.00	18.46	18.46	1	-0.03	-0.03	-0.03		
20.	1	1519.8	0.0	1519.8	1519.8	1	0.3	0.3	0.3	1	18.45	0.00	18.46	18.46	1	0.00	0.00	0.00		
30.	1	1520.0	0.0	1520.0	1520.0	1	0.6	0.6	0.6	1	18.45	0.00	18.45	18.45	1	-0.03	-0.03	-0.03		
50.	1	1520.3	0.0	1520.3	1520.3	1	0.5	0.5	0.5	1	18.44	0.00	18.44	18.44	1	-0.02	-0.02	-0.02		
75.	1	1520.7	0.0	1520.7	1520.7	1	0.5	0.5	0.5	1	18.43	0.00	18.43	18.43	1	-0.01	-0.01	-0.01		
100.	1	1521.1	0.0	1521.1	1521.1	1	0.7	0.7	0.7	1	18.42	0.00	18.42	18.42	1	0.00	0.00	0.00		
125.	1	1521.5	0.0	1521.5	1521.5	1	0.5	0.5	0.5	1	18.42	0.00	18.42	18.42	1	0.00	0.00	0.00		
150.	1	1521.9	0.0	1521.9	1521.9	1	0.5	0.5	0.5	1	18.42	0.00	18.42	18.42	1	0.00	0.00	0.00		
200.	1	1522.4	0.0	1522.4	1522.4	1	0.1	0.1	0.1	1	18.32	0.00	18.32	18.32	1	-0.14	-0.14	-0.14		
250.	1	1522.2	0.0	1522.2	1522.2	1	-0.1	-0.1	-0.1	1	17.97	0.00	17.97	17.97	1	-0.21	-0.21	-0.21		
300.	1	1521.3	0.0	1521.3	1521.3	1	-0.8	-0.8	-0.8	1	17.40	0.00	17.40	17.40	1	-0.40	-0.40	-0.40		
400.	1	1518.6	0.0	1518.6	1518.6	1	-1.7	-1.7	-1.7	1	16.03	0.00	16.03	16.03	1	-0.69	-0.69	-0.69		
500.	1	1516.3	0.0	1516.3	1516.3	1	-0.8	-0.8	-0.8	1	14.85	0.00	14.85	14.85	1	-0.41	-0.41	-0.41		
600.	1	1512.3	0.0	1512.3	1512.3	1	-1.0	-1.0	-1.0	1	13.21	0.00	13.21	13.21	1	-0.45	-0.45	-0.45		
700.	1	1506.9	0.0	1506.9	1506.9	1	-1.9	-1.9	-1.9	1	11.25	0.00	11.25	11.25	1	-0.67	-0.67	-0.67		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 113 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1520.7	1.1	1521.4	1519.9	0.0	0	12.84	0.37	19.10	18.58	0.00	0	0.00	0.00	0.00
10.	2	1520.7	1.0	1521.4	1520.0	0.3	2	18.81	0.33	19.04	18.58	-0.18	2	-0.09	-0.18	-0.18
20.	2	1520.8	0.8	1521.4	1520.2	0.3	2	18.79	0.29	18.99	18.58	-0.15	2	-0.08	-0.15	-0.15
30.	2	1520.9	0.8	1521.4	1520.3	0.3	2	18.75	0.25	18.92	18.57	-0.13	2	-0.13	-0.13	-0.13
50.	2	1520.9	0.6	1521.3	1520.5	-0.2	2	18.67	0.18	18.80	18.54	-0.11	2	-0.11	-0.05	-0.18
75.	2	1521.1	0.5	1521.4	1520.7	0.1	2	18.58	0.15	18.68	18.47	-0.12	2	-0.12	-0.09	-0.15
100.	2	1520.9	0.0	1520.9	1520.9	-0.2	2	18.40	0.02	18.41	18.38	-0.07	2	-0.07	-0.11	-0.15
125.	2	1521.1	0.1	1521.2	1521.0	0.1	2	18.32	0.06	18.36	18.27	-0.10	2	-0.10	-0.02	-0.17
150.	2	1521.3	0.4	1521.6	1521.0	0.5	2	18.24	0.15	18.34	18.13	-0.20	2	-0.20	-0.16	-0.24
200.	2	1521.3	0.8	1521.8	1520.7	0.2	2	17.93	0.26	18.11	17.74	-0.31	2	-0.31	-0.27	-0.35
250.	2	1520.6	1.1	1521.4	1519.8	-0.1	2	17.43	0.37	17.69	17.17	-0.45	2	-0.45	-0.32	-0.38
300.	2	1519.6	1.4	1520.6	1518.6	-0.6	2	16.86	0.45	17.17	16.54	-0.39	2	-0.39	-0.38	-0.40
400.	2	1517.1	1.8	1518.3	1515.8	-0.8	2	15.58	0.53	15.95	15.20	-0.57	2	-0.57	-0.55	-0.60
500.	2	1513.1	1.9	1514.4	1511.7	-1.4	2	13.87	0.52	14.23	13.50	-0.71	2	-0.71	-0.67	-0.75
600.	2	1507.4	1.5	1508.4	1506.3	-2.1	2	11.81	0.40	12.09	11.53	-2.4	2	-2.4	-0.63	-0.78
700.	2	1500.6	0.5	1500.9	1500.2	-2.1	2	9.55	0.13	9.64	9.46	-1.7	2	-3.70	-0.63	-0.78
800.	2	1495.2	0.5	1495.5	1494.8	-1.6	2	7.72	0.10	7.79	7.65	-0.54	2	-0.54	-0.51	-0.56

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUAPE 113 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1518.8	0.0	1518.8	1518.8	0	0.0	0.0	0.0	1	18.15	0.00	18.15	18.15	0	0.00	0.00	0.00
10.	1	1518.9	0.0	1518.9	1518.9	1	0.3	0.3	0.3	1	18.14	0.00	18.14	18.14	1	-0.03	-0.03	-0.03
20.	1	1519.0	0.0	1519.0	1519.0	1	0.3	0.3	0.3	1	18.13	0.00	18.13	18.13	1	-0.03	-0.03	-0.03
30.	1	1519.2	0.0	1519.2	1519.2	1	3.0	3.0	3.0	1	18.12	0.00	18.12	18.12	1	0.00	0.00	0.00
50.	1	1519.6	0.0	1519.6	1519.6	1	0.6	0.6	0.6	1	18.15	0.00	18.15	18.15	1	0.05	0.05	0.05
75.	1	1519.9	0.0	1519.9	1519.9	1	0.2	0.2	0.2	1	18.13	0.00	18.13	18.13	1	-0.06	-0.06	-0.06
100.	1	1520.1	0.0	1520.1	1520.1	1	0.2	0.2	0.2	1	18.06	0.00	18.06	18.06	1	-0.09	-0.09	-0.09
125.	1	1520.1	0.0	1520.1	1520.1	1	-0.4	-0.4	-0.4	1	17.93	0.00	17.93	17.93	1	-0.26	-0.26	-0.26
150.	1	1520.0	0.0	1520.0	1520.0	1	-0.1	-0.1	-0.1	1	17.76	0.00	17.76	17.76	1	-0.21	-0.21	-0.21
200.	1	1520.7	0.0	1520.7	1520.7	1	0.7	0.7	0.7	1	17.71	0.00	17.71	17.71	1	0.06	0.06	0.06
250.	1	1521.5	0.0	1521.5	1521.5	1	0.3	0.3	0.3	1	17.70	0.00	17.70	17.70	1	-0.05	-0.05	-0.05
300.	1	1520.0	0.0	1520.0	1520.0	1	0.8	0.8	0.8	1	16.93	0.00	16.93	16.93	1	-0.08	-0.08	-0.08
400.	1	1519.2	0.0	1519.2	1519.2	1	-0.2	-0.2	-0.2	1	16.19	0.00	16.19	16.19	1	-0.23	-0.23	-0.23
500.	1	1515.8	0.0	1515.8	1515.8	1	-1.0	-1.0	-1.0	1	14.70	0.00	14.70	14.70	1	-0.45	-0.45	-0.45
600.	1	1509.1	0.0	1509.1	1509.1	1	-2.2	-2.2	-2.2	1	12.31	0.00	12.31	12.31	1	-0.77	-0.77	-0.77
700.	1	1501.7	0.0	1501.7	1501.7	1	-2.3	-2.3	-2.3	1	9.85	0.00	9.85	9.85	1	-0.75	-0.75	-0.75
800.	1	1495.4	0.0	1495.4	1495.4	1	-1.8	-1.8	-1.8	1	7.76	0.00	7.76	7.76	1	-0.60	-0.60	-0.60
900.	1	1490.8	0.0	1490.8	1490.8	1	-1.4	-1.4	-1.4	1	6.20	0.00	6.20	6.20	1	-0.48	-0.48	-0.48
1000.	1	1489.1	0.0	1489.1	1489.1	1	0.2	0.2	0.2	1	5.36	0.00	5.36	5.36	1	-0.08	-0.08	-0.08
1100.	1	1489.7	0.0	1489.7	1489.7	1	0.2	0.2	0.2	1	5.09	0.00	5.09	5.09	1	-0.08	-0.08	-0.08
1200.	1	1490.2	0.0	1490.2	1490.2	1	0.2	0.2	0.2	1	4.80	0.00	4.80	4.80	1	-0.11	-0.11	-0.11
1300.	1	1490.4	0.0	1490.4	1490.4	1	0.1	0.1	0.1	1	4.47	0.00	4.47	4.47	1	-0.10	-0.10	-0.10
1400.	1	1490.8	0.0	1490.8	1490.8	1	0.1	0.1	0.1	1	4.18	0.00	4.18	4.18	1	-0.09	-0.09	-0.09
1500.	1	1491.5	0.0	1491.5	1491.5	1	0.2	0.2	0.2	1	3.94	0.00	3.94	3.94	1	-0.07	-0.07	-0.07

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 113 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	1	1531.3	0.0	1531.3	1531.3	0	0.0	0.0	0.0	22.80	22.80	0	0.00	0.00	0.00
10.	1	1530.5	0.0	1530.5	1530.5	1	-2.4	-2.4	-2.4	22.42	22.42	1	-1.16	-1.16	-1.16
20.	1	1529.4	0.0	1529.4	1529.4	1	-3.4	-3.4	-3.4	21.91	21.91	1	-1.55	-1.55	-1.55
30.	1	1527.4	0.0	1527.4	1527.4	1	-6.5	-6.5	-6.5	21.12	21.12	1	-2.66	-2.66	-2.66
50.	1	1523.9	0.0	1523.9	1523.9	1	-4.6	-4.6	-4.6	19.71	19.71	1	-1.68	-1.68	-1.68
75.	1	1521.0	0.0	1521.0	1521.0	1	-3.5	-3.5	-3.5	18.56	18.56	1	-1.40	-1.40	-1.40
100.	1	1519.6	0.0	1519.6	1519.6	1	0.0	0.0	0.0	17.93	17.93	1	-0.20	-0.20	-0.20
125.	1	1519.5	0.0	1519.5	1519.5	1	-0.1	-0.1	-0.1	17.77	17.77	1	-0.20	-0.20	-0.20
150.	1	1519.4	0.0	1519.4	1519.4	1	-0.1	-0.1	-0.1	17.61	17.61	1	-0.20	-0.20	-0.20
200.	1	1519.6	0.0	1519.6	1519.6	1	0.5	0.5	0.5	17.39	17.39	1	-0.02	-0.02	-0.02
250.	1	1519.9	0.0	1519.9	1519.9	1	0.2	0.2	0.2	17.23	17.23	1	-0.10	-0.10	-0.10
300.	1	1519.7	0.0	1519.7	1519.7	1	-0.1	-0.1	-0.1	16.90	16.90	1	-0.20	-0.20	-0.20
400.	1	1517.5	0.0	1517.5	1517.5	1	-1.0	-1.0	-1.0	15.72	15.72	1	-0.44	-0.44	-0.44
500.	1	1512.7	0.0	1512.7	1512.7	0	0.0	0.0	0.0	13.81	13.81	1	-0.67	-0.67	-0.67
600.	1	1509.4	0.0	1509.4	1509.4	1	-0.7	-0.7	-0.7	12.41	12.41	1	-0.34	-0.34	-0.34
700.	1	1505.4	0.0	1505.4	1505.4	0	0.0	0.0	0.0	10.86	10.86	1	-0.51	-0.51	-0.51
800.	1	1501.0	0.0	1501.0	1501.0	1	-1.4	-1.4	-1.4	9.22	9.22	1	-0.50	-0.50	-0.50
900.	1	1497.0	0.0	1497.0	1497.0	1	-1.2	-1.2	-1.2	7.76	7.76	1	-0.45	-0.45	-0.45
1000.	1	1493.7	0.0	1493.7	1493.7	1	-1.0	-1.0	-1.0	6.50	6.50	1	-0.38	-0.38	-0.38
1100.	1	1491.9	0.0	1491.9	1491.9	1	0.1	0.1	0.1	5.66	5.66	1	-0.08	-0.08	-0.08
1200.	1	1492.4	0.0	1492.4	1492.4	1	0.2	0.2	0.2	5.37	5.37	1	-0.09	-0.09	-0.09
1300.	1	1492.9	0.0	1492.9	1492.9	1	0.2	0.2	0.2	5.09	5.09	1	-0.09	-0.09	-0.09
1400.	1	1493.4	0.0	1493.4	1493.4	1	0.2	0.2	0.2	4.80	4.80	1	-0.09	-0.09	-0.09
1500.	1	1493.9	0.0	1493.9	1493.9	1	0.2	0.2	0.2	4.52	4.52	1	-0.09	-0.09	-0.09
1750.	1	1495.1	0.0	1495.1	1495.1	1	0.1	0.1	0.1	3.81	3.81	1	-0.09	-0.09	-0.09

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 113 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT										
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN						
0.	26	1535.9	2.5	1540.1	1528.4	0	0.0		0.0	0.0	29	24.77	1.10	26.52	21.68	0	0.00	0.00		
10.	30	1535.9	2.2	1537.6	1528.6	29	-0.4	1.0	-9.8		31	24.71	0.99	25.52	21.68	30	-0.33	0.52	-4.45	
20.	32	1535.7	2.2	1537.8	1528.8	32	-0.7	1.5	-23.8		33	24.59	1.00	25.51	21.68	33	-0.52	0.30	-9.63	
30.	33	1535.7	2.3	1537.9	1528.9	30	-0.5	0.9	-5.8		34	24.50	1.02	25.50	21.67	33	-0.43	0.12	-2.59	
50.	20	1533.8	3.1	1537.7	1525.9	17	-5.9	0.8	-24.4		20	23.57	1.27	25.30	20.45	18	-2.48	0.04	-9.75	
75.	6	1527.7	3.9	1535.0	1523.6	6	-3.8	1.1	-7.4		6	20.89	1.40	23.53	19.43	6	-1.65	-0.71	-2.97	
100.	6	1525.3	3.9	1532.8	1521.8	6	-3.1	1.1	-2.2	-4.0		6	19.86	1.38	22.51	18.65	6	-1.31	-0.95	-1.62
125.	6	1524.0	3.2	1530.1	1521.5	5	-1.5	0.2	-3.3		6	19.28	1.08	21.36	18.43	6	-0.63	-0.24	-1.40	
150.	6	1523.2	2.3	1527.7	1521.3	6	-1.1	0.1	-2.9		6	18.89	0.79	20.37	18.21	6	-0.55	-0.22	-1.21	
200.	6	1521.9	1.4	1524.6	1520.8	6	-0.6	0.1	-1.5		6	18.13	0.44	19.00	17.76	6	-0.36	-0.18	-0.68	
250.	5	1521.8	0.5	1522.8	1521.4	5	-0.2	0.2	-1.1		5	17.83	0.17	18.13	17.69	5	-0.22	-0.10	-0.53	
300.	5	1521.7	0.5	1522.6	1521.3	5	-0.5	0.6	-3.0		5	17.53	0.18	17.82	17.37	5	-0.16	-0.10	-0.30	
400.	5	1520.7	0.8	1521.6	1519.7	5	-0.7	0.2	-1.2		5	16.69	0.24	16.94	16.37	5	-0.40	-0.23	-0.67	
500.	5	1517.8	0.9	1519.1	1517.0	4	-0.6	0.2	-1.2		5	15.28	0.27	15.69	15.05	4	-0.30	-0.18	-0.43	
600.	5	1514.5	1.2	1515.8	1512.8	5	-1.8	1.2	-3.0		5	13.83	0.34	14.23	13.35	5	-0.57	-0.46	-0.69	
700.	5	1509.4	1.9	1511.0	1506.2	4	-1.6	1.2	-2.1		5	11.92	0.53	12.37	11.04	4	-0.59	-0.49	-0.72	
800.	5	1504.1	2.1	1506.2	1500.5	5	-1.9	1.4	-2.4		5	10.03	0.56	10.58	9.08	5	-0.63	-0.53	-0.73	
900.	5	1458.2	3.2	1501.9	1493.5	5	-1.7	1.2	-2.4		5	8.06	0.79	8.99	6.87	5	-0.59	-0.43	-0.73	
1000.	5	1494.8	3.1	1498.8	1491.7	5	-0.4	0.2	-0.6		5	6.75	0.75	7.74	5.99	5	-0.23	-0.09	-0.30	
1100.	5	1493.6	2.7	1497.4	1491.0	5	-0.3	0.2	-0.5		5	6.06	0.65	6.97	5.43	5	-0.20	-0.08	-0.25	
1200.	5	1493.2	2.5	1496.6	1490.7	5	0.1	0.2	-0.2		5	5.55	0.59	6.35	4.93	5	-0.12	-0.08	-0.15	
1300.	5	1493.4	2.3	1496.3	1490.8	5	0.1	0.5	-0.1		5	5.19	0.53	5.67	4.58	5	-0.09	-0.07	-0.14	
1400.	5	1493.9	2.0	1496.2	1491.3	5	0.2	0.3	0.2		5	4.91	0.46	5.43	4.28	5	-0.09	-0.07	-0.14	
1500.	5	1494.5	1.8	1496.2	1491.9	5	0.2	0.3	0.1		5	4.63	0.40	5.03	4.05	5	-0.09	-0.07	-0.12	
1750.	5	1496.5	1.0	1497.3	1494.8	5	0.3	0.5	0.2		4	3.75	0.13	3.84	3.56	4	-0.05	-0.00	-0.08	
2000.	4	1499.2	0.6	1499.6	1498.3	4	0.3	0.5	0.3		4	3.75	0.13	3.84	3.56	4	-0.04	-0.05	-0.06	
2500.	4	1505.7	0.2	1505.9	1505.5	4	0.5	0.8	0.3		4	3.28	0.04	3.32	3.23	4	-0.02	-0.02	-0.03	
3000.	4	1512.7	0.2	1512.9	1512.6	4	0.4	0.4	0.4		4	2.92	0.03	2.95	2.89	4	-0.02	-0.02	-0.03	
4000.	4	1527.6	0.0	1527.7	1527.4	4	0.5	0.6	0.5		4	2.32	0.03	2.35	2.27	4	-0.01	-0.01	-0.01	

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 113 FOR MONTH 12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1524.1	0.0	1524.1	1524.1	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	1	1524.3	0.0	1524.3	1524.3	1	0.7	0.7	0.0	0.0	1	-0.03	-0.03	-0.03
20.	1	1524.4	0.0	1524.4	1524.4	1	0.3	0.3	0.0	0.0	1	-0.03	-0.03	-0.03
30.	1	1524.5	0.0	1524.5	1524.5	1	0.3	0.3	0.0	0.0	1	-0.03	-0.03	-0.03
50.	1	1524.8	0.0	1524.8	1524.8	1	0.0	0.0	0.0	0.0	1	0.00	0.00	0.00
75.	1	1525.2	0.0	1525.2	1525.2	1	0.5	0.5	0.0	0.0	1	0.00	0.00	0.00
100.	1	1525.3	0.0	1525.3	1525.3	1	-3.0	-3.0	0.0	0.0	1	-1.37	-1.37	-1.37
125.	1	1522.9	0.0	1522.9	1522.9	1	-2.9	-2.9	0.0	0.0	1	-1.21	-1.21	-1.21
150.	1	1521.6	0.0	1521.6	1521.6	1	0.0	0.0	0.0	0.0	1	-0.30	-0.30	-0.30
200.	1	1521.1	0.0	1521.1	1521.1	1	0.8	0.8	0.0	0.0	1	-0.08	-0.08	-0.08
250.	1	1521.2	0.0	1521.2	1521.2	1	0.1	0.1	0.0	0.0	1	-0.14	-0.14	-0.14
300.	1	1521.1	0.0	1521.1	1521.1	1	0.0	0.0	0.0	0.0	1	-0.15	-0.15	-0.15
400.	1	1519.9	0.0	1519.9	1519.9	1	-0.9	-0.9	0.0	0.0	1	-0.44	-0.44	-0.44
500.	1	1516.7	0.0	1516.7	1516.7	1	-0.8	-0.8	0.0	0.0	1	-0.46	-0.46	-0.46
600.	1	1512.1	0.0	1512.1	1512.1	1	-1.5	-1.5	0.0	0.0	1	-0.58	-0.58	-0.58
700.	1	1507.0	0.0	1507.0	1507.0	1	-1.6	-1.6	0.0	0.0	1	-0.58	-0.58	-0.58
800.	1	1500.1	0.0	1500.1	1500.1	1	-2.2	-2.2	0.0	0.0	1	-0.71	-0.71	-0.71
900.	1	1496.3	0.0	1496.3	1496.3	1	-1.1	-1.1	0.0	0.0	1	-0.41	-0.41	-0.41
1000.	1	1494.1	0.0	1494.1	1494.1	1	-0.7	-0.7	0.0	0.0	1	-0.30	-0.30	-0.30
1100.	1	1493.1	0.0	1493.1	1493.1	1	0.0	0.0	0.0	0.0	1	-0.11	-0.11	-0.11
1200.	1	1493.4	0.0	1493.4	1493.4	1	0.1	0.1	0.0	0.0	1	-0.11	-0.11	-0.11
1300.	1	1493.4	0.0	1493.4	1493.4	1	-0.1	-0.1	0.0	0.0	1	-0.15	-0.15	-0.15
1400.	1	1493.3	0.0	1493.3	1493.3	1	-0.0	-0.0	0.0	0.0	1	-0.12	-0.12	-0.12
1500.	1	1494.0	0.0	1494.0	1494.0	1	0.4	0.4	0.0	0.0	1	-0.04	-0.04	-0.04
1750.	1	1496.2	0.0	1496.2	1496.2	1	0.2	0.2	0.0	0.0	1	-0.07	-0.07	-0.07
2000.	1	1498.7	0.0	1498.7	1498.7	1	0.4	0.4	0.0	0.0	1	-0.03	-0.03	-0.03
2500.	1	1505.5	0.0	1505.5	1505.5	1	0.4	0.4	0.0	0.0	1	-0.02	-0.02	-0.02
3000.	1	1512.7	0.0	1512.7	1512.7	1	0.4	0.4	0.0	0.0	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 113 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1517.7	0.0	1517.7	1517.7	0	0.0	0.0	0.0	1	17.80	0.00	17.80	17.80	0	0.00	0.00	0.00
10.	1	1517.8	0.0	1517.8	1517.8	1	0.3	0.3	0.3	1	17.77	0.00	17.77	17.77	1	-0.09	-0.09	-0.09
20.	1	1517.9	0.0	1517.9	1517.9	1	0.3	0.3	0.3	1	17.75	0.00	17.75	17.75	1	-0.06	-0.06	-0.06
30.	1	1517.9	0.0	1517.9	1517.9	1	0.0	0.0	0.0	1	17.72	0.00	17.72	17.72	1	-0.09	-0.09	-0.09
50.	1	1518.2	0.0	1518.2	1518.2	1	0.5	0.5	0.5	1	17.69	0.00	17.69	17.69	1	-0.05	-0.05	-0.05
75.	1	1518.6	0.0	1518.6	1518.6	1	0.5	0.5	0.5	1	17.68	0.00	17.68	17.68	1	-0.01	-0.01	-0.01
100.	1	1519.0	0.0	1519.0	1519.0	1	0.5	0.5	0.5	1	17.67	0.00	17.67	17.67	1	0.00	0.00	0.00
125.	1	1519.4	0.0	1519.4	1519.4	1	0.5	0.5	0.5	1	17.67	0.00	17.67	17.67	1	0.00	0.00	0.00
150.	1	1519.8	0.0	1519.8	1519.8	1	0.5	0.5	0.5	1	17.67	0.00	17.67	17.67	1	0.00	0.00	0.00
200.	1	1520.6	0.0	1520.6	1520.6	1	0.5	0.5	0.5	1	17.67	0.00	17.67	17.67	1	0.00	0.00	0.00
250.	1	1521.4	0.0	1521.4	1521.4	1	0.5	0.5	0.5	1	17.63	0.00	17.63	17.63	1	-0.03	-0.03	-0.03
300.	1	1522.1	0.0	1522.1	1522.1	1	0.4	0.4	0.4	1	16.65	0.00	16.65	16.65	1	-0.45	-0.45	-0.45
400.	1	1520.6	0.0	1520.6	1520.6	1	-1.0	-1.0	-1.0	1	15.18	0.00	15.18	15.18	1	-0.45	-0.45	-0.45
500.	1	1517.5	0.0	1517.5	1517.5	1	-0.9	-0.9	-0.9	1	13.68	0.00	13.68	13.68	1	-0.46	-0.46	-0.46
600.	1	1514.0	0.0	1514.0	1514.0	1	-1.1	-1.1	-1.1	1	12.41	0.00	12.41	12.41	1	-0.36	-0.36	-0.36
700.	1	1511.2	0.0	1511.2	1511.2	1	-0.8	-0.8	-0.8	1	11.10	0.00	11.10	11.10	1	-0.41	-0.41	-0.41
800.	1	1508.2	0.0	1508.2	1508.2	1	-0.9	-0.9	-0.9	1	10.03	0.00	10.03	10.03	1	-0.31	-0.31	-0.31
900.	1	1505.9	0.0	1505.9	1505.9	1	-0.7	-0.7	-0.7	1	9.09	0.00	9.09	9.09	1	-0.29	-0.29	-0.29
1000.	1	1504.1	0.0	1504.1	1504.1	1	-0.5	-0.5	-0.5	1	8.25	0.00	8.25	8.25	1	-0.25	-0.25	-0.25
1100.	1	1502.5	0.0	1502.5	1502.5	1	-0.5	-0.5	-0.5	1	7.48	0.00	7.48	7.48	1	-0.23	-0.23	-0.23
1200.	1	1501.2	0.0	1501.2	1501.2	1	-0.4	-0.4	-0.4	1	6.78	0.00	6.78	6.78	1	-0.21	-0.21	-0.21
1300.	1	1500.1	0.0	1500.1	1500.1	1	-0.3	-0.3	-0.3	1	6.15	0.00	6.15	6.15	1	-0.19	-0.19	-0.19
1400.	1	1499.2	0.0	1499.2	1499.2	1	-0.3	-0.3	-0.3	1	5.59	0.00	5.59	5.59	1	-0.17	-0.17	-0.17
1500.	1	1498.6	0.0	1498.6	1498.6	1	-0.2	-0.2	-0.2	1	4.50	0.00	4.50	4.50	1	-0.13	-0.13	-0.13
1750.	1	1498.2	0.0	1498.2	1498.2	1	-0.0	-0.0	-0.0	1	4.19	0.00	4.19	4.19	1	-0.04	-0.04	-0.04
2000.	1	1501.0	0.0	1501.0	1501.0	1	0.3	0.3	0.3	1	3.58	0.00	3.58	3.58	1	-0.03	-0.03	-0.03
2500.	1	1507.0	0.0	1507.0	1507.0	1	0.4	0.4	0.4	1	3.07	0.00	3.07	3.07	1	-0.02	-0.02	-0.02
3000.	1	1513.4	0.0	1513.4	1513.4	1	0.4	0.4	0.4	1	2.50	0.00	2.50	2.50	1	-0.02	-0.02	-0.02
4000.	1	1528.4	0.0	1528.4	1528.4	1	0.5	0.5	0.5	1	2.50	0.00	2.50	2.50	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 113 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1515.0	1.0	1515.8	1513.9	0	0.0	0.34	17.25	16.59	0	0.00	0.00	0.00
10.	3	1515.1	1.0	1516.0	1514.0	3	0.4	0.35	17.25	16.56	3	-0.05	-0.06	-0.09
20.	3	1515.3	1.1	1516.2	1514.1	3	1.3	0.35	17.25	16.56	3	0.00	0.00	0.00
30.	3	1515.4	1.1	1516.4	1514.3	3	0.4	0.36	17.25	16.55	3	-0.01	-0.04	-0.04
40.	3	1515.4	1.1	1516.8	1514.6	3	0.6	0.38	17.30	16.55	3	0.01	0.08	-0.02
75.	3	1515.1	1.7	1516.9	1513.5	3	-0.8	0.53	17.19	16.13	3	-0.40	-0.02	-1.04
100.	3	1515.5	1.7	1517.2	1513.9	3	0.4	0.52	17.14	16.11	3	-0.02	-0.02	-0.04
125.	3	1515.5	1.4	1516.9	1514.1	3	-0.1	0.42	16.90	16.06	3	-0.17	-0.06	-0.32
150.	3	1515.5	1.2	1516.5	1514.2	3	-0.1	0.35	16.65	15.96	3	-0.16	-0.12	-0.30
200.	3	1515.2	1.1	1515.9	1514.0	3	0.0	0.32	16.21	15.64	3	-0.16	-0.12	-0.20
250.	3	1514.9	1.7	1516.1	1513.0	3	-0.2	0.51	16.02	15.08	3	-0.21	-0.09	-0.35
300.	3	1514.5	2.5	1516.5	1511.7	3	-0.3	0.73	15.88	14.47	3	-0.24	-0.09	-0.37
400.	3	1512.8	3.8	1516.1	1508.6	3	-0.6	1.11	15.27	13.10	3	-0.34	-0.25	-0.42
500.	3	1509.1	4.6	1512.8	1503.7	3	-1.6	1.35	13.92	11.24	3	-0.58	-0.55	-0.60
600.	3	1504.1	4.7	1508.0	1498.9	3	-1.8	1.26	11.98	9.52	3	-0.63	-0.52	-0.82
700.	3	1499.2	4.4	1503.6	1494.9	3	-1.2	1.14	10.33	8.05	3	-0.49	-0.45	-0.51
800.	3	1495.7	3.8	1499.4	1491.8	3	-0.6	0.97	8.79	6.85	3	-0.26	-0.37	-0.47
900.	3	1493.8	3.6	1495.9	1489.6	3	-0.6	0.94	7.46	5.91	3	-0.27	-0.12	-0.41
1000.	3	1491.6	2.7	1493.3	1488.5	3	-1.0	0.65	6.37	5.22	3	-0.35	-0.21	-0.49
1100.	3	1490.3	1.3	1491.1	1488.8	3	-0.2	0.32	5.45	4.89	3	-0.17	-0.08	-0.27
1200.	3	1490.1	0.8	1490.8	1489.3	3	-0.1	0.18	4.97	4.62	3	-0.15	-0.12	-0.20
1300.	3	1490.4	0.7	1491.1	1489.8	3	0.2	0.14	4.62	4.34	3	-0.08	-0.08	-0.09
1400.	3	1491.1	0.6	1491.7	1490.5	3	0.3	0.13	4.37	4.11	3	-0.06	-0.03	-0.08
1500.	3	1492.1	0.6	1492.5	1491.4	3	0.3	0.13	4.15	3.92	3	-0.05	-0.02	-0.07
1750.	3	1495.2	0.7	1495.8	1494.5	3	0.4	0.15	3.95	3.65	3	-0.03	-0.02	-0.04
2000.	2	1498.8	0.5	1499.1	1498.4	2	0.4	0.12	3.75	3.58	2	-0.03	-0.02	-0.03
2500.	2	1505.8	0.0	1505.8	1505.8	2	0.2	0.01	3.33	3.32	2	-0.04	-0.03	-0.04
3000.	2	1512.6	0.1	1512.6	1512.5	2	0.4	0.02	2.90	2.87	2	-0.03	-0.03	-0.03
4000.	2	1527.7	0.1	1527.8	1527.6	2	0.5	0.04	2.36	2.31	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SCAPE 113 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	1	1525.6	0.0	1529.6	1529.6	0	0.0	0.0	0.0	0.0	1	22.20	0.00	22.20	22.20	
10.	1	1527.7	0.0	1527.7	1527.7	1	-15.2	-15.2	-15.2	1	21.39	0.00	21.39	21.39		
20.	1	1523.1	0.0	1523.1	1523.1	1	-14.0	-14.0	-14.0	1	19.67	0.00	19.67	19.67		
30.	1	1521.4	0.0	1521.4	1521.4	1	-3.0	-3.0	-3.0	1	19.00	0.00	19.00	19.00		
40.	1	1519.3	0.0	1519.3	1519.3	1	-4.6	-4.6	-4.6	1	18.13	0.00	18.13	18.13		
50.	1	1517.9	0.0	1517.9	1517.9	1	-0.3	-0.3	-0.3	1	17.50	0.00	17.50	17.50		
60.	1	1517.4	0.0	1517.4	1517.4	1	0.0	0.0	0.0	1	17.32	0.00	17.32	17.32		
70.	1	1517.6	0.0	1517.6	1517.6	1	-0.2	-0.2	-0.2	1	17.13	0.00	17.13	17.13		
80.	1	1517.4	0.0	1517.4	1517.4	1	-0.2	-0.2	-0.2	1	16.94	0.00	16.94	16.94		
90.	1	1517.2	0.0	1517.2	1517.2	1	0.0	0.0	0.0	1	16.63	0.00	16.63	16.63		
100.	1	1517.0	0.0	1517.0	1517.0	1	-0.1	-0.1	-0.1	1	16.31	0.00	16.31	16.31		
110.	1	1516.6	0.0	1516.6	1516.6	1	-0.2	-0.2	-0.2	1	15.93	0.00	15.93	15.93		
120.	1	1514.0	0.0	1514.0	1514.0	1	-1.2	-1.2	-1.2	1	14.67	0.00	14.67	14.67		
130.	1	1510.6	0.0	1510.6	1510.6	1	-0.9	-0.9	-0.9	1	13.21	0.00	13.21	13.21		
140.	1	1504.4	0.0	1504.4	1504.4	1	-2.4	-2.4	-2.4	1	11.04	0.00	11.04	11.04		
150.	1	1498.3	0.0	1498.3	1498.3	1	-1.7	-1.7	-1.7	1	8.98	0.00	8.98	8.98		
160.	1	1493.6	0.0	1493.6	1493.6	1	-1.4	-1.4	-1.4	1	7.30	0.00	7.30	7.30		
170.	1	1490.5	0.0	1490.5	1490.5	1	-0.9	-0.9	-0.9	1	6.10	0.00	6.10	6.10		
180.	1	1490.5	0.0	1490.5	1490.5	1	0.1	0.1	0.1	1	5.68	0.00	5.68	5.68		
190.	1	1490.7	0.0	1490.7	1490.7	1	0.0	0.0	0.0	1	5.34	0.00	5.34	5.34		
200.	1	1490.9	0.0	1490.9	1490.9	1	0.1	0.1	0.1	1	4.98	0.00	4.98	4.98		
210.	1	1491.1	0.0	1491.1	1491.1	1	0.1	0.1	0.1	1	4.65	0.00	4.65	4.65		
220.	1	1491.6	0.0	1491.6	1491.6	1	0.2	0.2	0.2	1	4.36	0.00	4.36	4.36		
230.	1	1492.2	0.0	1492.2	1492.2	1	0.2	0.2	0.2	1	4.12	0.00	4.12	4.12		
240.	1	1496.5	0.0	1496.5	1496.5	1	0.3	0.3	0.3	1	3.66	0.00	3.66	3.66		
250.	1	1497.8	0.0	1497.8	1497.8	1	0.4	0.4	0.4	1	3.45	0.00	3.45	3.45		
260.	1	1505.2	0.0	1505.2	1505.2	1	0.5	0.5	0.5	1	3.17	0.00	3.17	3.17		
270.	1	1512.6	0.0	1512.6	1512.6	1	0.5	0.5	0.5	1	2.90	0.00	2.90	2.90		
280.	1	1527.8	0.0	1527.8	1527.8	1	0.5	0.5	0.5	1	2.36	0.00	2.36	2.36		

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 113 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	1	25.10	0.00	25.10	25.10	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	1	23.87	0.00	23.87	23.87	1	-3.75	-3.75	-3.75
20.	0	0.0	0.0	0.0	0.0	1	22.76	0.00	22.76	22.76	1	-3.38	-3.38	-3.38
30.	0	0.0	0.0	0.0	0.0	1	21.77	0.00	21.77	21.77	1	-3.02	-3.02	-3.02
50.	0	0.0	0.0	0.0	0.0	1	20.19	0.00	20.19	20.19	1	-1.52	-1.52	-1.52
75.	0	0.0	0.0	0.0	0.0	1	19.09	0.00	19.09	19.09	1	-1.34	-1.34	-1.34
100.	0	0.0	0.0	0.0	0.0	1	18.33	0.00	18.33	18.33	1	-0.20	-0.20	-0.20
125.	0	0.0	0.0	0.0	0.0	1	17.95	0.00	17.95	17.95	1	-0.22	-0.22	-0.22
150.	0	0.0	0.0	0.0	0.0	1	17.60	0.00	17.60	17.60	1	-0.18	-0.18	-0.18
200.	0	0.0	0.0	0.0	0.0	1	17.29	0.00	17.29	17.29	1	-0.19	-0.19	-0.19
250.	0	0.0	0.0	0.0	0.0	1	16.99	0.00	16.99	16.99	1	-0.15	-0.15	-0.15
300.	0	0.0	0.0	0.0	0.0	1	16.32	0.00	16.32	16.32	1	-0.22	-0.22	-0.22
400.	0	0.0	0.0	0.0	0.0	1	15.36	0.00	15.36	15.36	1	-0.29	-0.29	-0.29
500.	0	0.0	0.0	0.0	0.0	1	14.00	0.00	14.00	14.00	1	-0.45	-0.45	-0.45
600.	0	0.0	0.0	0.0	0.0	1	12.49	0.00	12.49	12.49	1	-0.46	-0.46	-0.46
700.	0	0.0	0.0	0.0	0.0	1	10.81	0.00	10.81	10.81	1	-0.52	-0.52	-0.52
800.	0	0.0	0.0	0.0	0.0	1	9.34	0.00	9.34	9.34	1	-0.38	-0.38	-0.38
900.	0	0.0	0.0	0.0	0.0	1	8.20	0.00	8.20	8.20	1	-0.35	-0.35	-0.35
1000.	0	0.0	0.0	0.0	0.0	1	7.21	0.00	7.21	7.21	1	-0.30	-0.30	-0.30
1100.	0	0.0	0.0	0.0	0.0	1	6.36	0.00	6.36	6.36	1	-0.26	-0.26	-0.26
1200.	0	0.0	0.0	0.0	0.0	1	5.67	0.00	5.67	5.67	1	-0.21	-0.21	-0.21
1300.	0	0.0	0.0	0.0	0.0	1	5.21	0.00	5.21	5.21	1	-0.12	-0.12	-0.12
1400.	0	0.0	0.0	0.0	0.0	1	4.86	0.00	4.86	4.86	1	-0.11	-0.11	-0.11
1500.	0	0.0	0.0	0.0	0.0	1	4.20	0.00	4.20	4.20	1	-0.06	-0.06	-0.06
1750.	0	0.0	0.0	0.0	0.0	1	3.78	0.00	3.78	3.78	1	-0.05	-0.05	-0.05
2000.	0	0.0	0.0	0.0	0.0	1	3.38	0.00	3.38	3.38	1	-0.02	-0.02	-0.02
2500.	0	0.0	0.0	0.0	0.0	1	3.05	0.00	3.05	3.05	1	-0.02	-0.02	-0.02
3000.	0	0.0	0.0	0.0	0.0	1	3.05	0.00	3.05	3.05	1	-0.02	-0.02	-0.02

SUMMARY FIM GUARDPOST 3 OF MARSDEN VOLCANO 113 FEB MONTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	C.C	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1533.0	3.5	1536.5	1529.6		3	23.70	1.36	25.11	22.40	3	0.00	0.00	0.00
10.	3	1531.5	2.0	1533.7	1529.8	-8.5	3	23.03	0.75	23.86	22.41	3	-2.12	0.03	-3.61
20.	3	1530.1	0.9	1531.0	1529.3	-8.2	3	22.38	0.34	22.70	22.02	3	-1.97	0.06	-3.54
30.	3	1528.8	1.4	1530.3	1527.6	-7.6	3	21.79	0.59	22.44	21.29	3	-1.90	0.03	-3.20
40.	3	1526.4	0.4	1526.7	1526.0	-9.5	3	19.99	0.15	20.14	19.85	3	-2.73	-2.00	-3.69
50.	3	1520.7	0.7	1521.3	1519.9	-5.0	3	18.51	0.25	18.69	18.23	3	-1.49	-0.91	-1.94
60.	3	1514.7	1.6	1520.2	1517.0	-3.0	3	17.65	0.53	18.16	17.11	3	-0.62	-0.10	-1.22
70.	3	1518.3	2.0	1520.2	1516.2	-1.0	3	17.39	0.65	18.01	16.72	3	-0.32	-0.16	-0.67
80.	3	1518.0	2.5	1520.5	1515.5	-0.9	3	17.16	0.81	17.96	16.35	3	-0.27	-0.05	-0.65
90.	3	1517.5	3.5	1521.1	1514.2	-3.0	3	16.75	1.09	17.97	15.70	3	-0.22	-0.05	-0.60
100.	3	1517.0	4.3	1521.6	1513.1	-0.7	3	16.33	1.34	17.77	15.12	3	-0.25	-0.06	-0.65
110.	3	1516.2	4.8	1521.3	1511.7	-0.4	3	15.73	1.47	17.39	14.47	3	-0.34	-0.10	-0.62
120.	3	1514.2	6.0	1519.9	1507.9	-1.5	3	14.74	1.75	16.39	12.91	3	-0.34	-0.15	-0.56
130.	3	1511.6	7.9	1518.7	1503.1	-1.5	3	13.57	2.23	15.21	11.11	3	-0.43	-0.27	-0.56
140.	3	1507.2	7.8	1513.3	1498.4	-1.6	3	11.60	2.13	13.20	7.41	3	-0.55	-0.46	-0.67
150.	3	1503.4	6.2	1507.6	1496.3	-1.5	3	10.30	1.63	11.91	4.43	3	-0.32	-0.05	-0.59
160.	3	1499.4	5.2	1502.8	1493.4	-0.8	3	8.78	1.35	9.63	7.22	3	-0.36	-0.19	-0.54
170.	3	1496.7	4.3	1498.6	1490.1	-0.8	3	7.17	1.07	8.11	5.01	3	-0.37	-0.23	-0.58
180.	3	1493.1	2.7	1495.2	1490.1	-1.0	3	6.34	0.66	5.85	5.60	3	-0.25	-0.06	-0.58
190.	3	1491.4	1.4	1492.7	1489.6	-0.6	3	5.53	0.41	5.45	5.07	3	-0.27	-0.24	-0.50
200.	3	1490.3	1.7	1491.5	1488.4	-0.4	3	4.87	0.40	5.16	4.42	3	-0.15	-0.09	-0.20
210.	3	1490.9	1.4	1492.1	1489.3	0.2	3	4.60	0.33	4.88	4.23	3	-0.06	-0.04	-0.09
220.	3	1491.7	1.1	1492.7	1490.5	0.2	3	4.40	0.26	4.62	4.11	3	-0.07	-0.04	-0.08
230.	3	1492.6	0.8	1493.3	1491.7	0.3	3	4.21	0.20	4.37	3.99	3	-0.05	-0.04	-0.08
240.	3	1493.3	0.5	1493.8	1492.4	0.4	3	3.85	0.10	3.97	3.77	3	-0.04	-0.02	-0.07
250.	2	1505.8	0.4	1506.0	1505.5	0.4	2	3.63	0.08	3.72	3.59	2	-0.02	-0.02	-0.02
260.	1	1512.5	0.0	1512.5	1512.5	0.4	1	2.88	0.00	2.88	2.88	1	-0.02	-0.02	-0.02
270.	1	1526.6	0.0	1526.6	1526.6	0.5	1	2.30	0.00	2.30	2.30	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 113 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1529.9	1.6	1531.5	1528.3	3	0.0	0.0	0.0	0.0	3	0.00	0.00	0.00
10.	3	1530.0	1.6	1531.7	1528.2	3	0.3	0.7	0.7	-0.3	3	-0.07	0.03	-0.24
20.	3	1530.1	1.9	1531.9	1528.2	3	0.4	0.6	0.6	0.6	3	-0.06	-0.03	-0.21
30.	3	1530.2	2.0	1532.1	1528.1	3	0.2	0.6	0.6	-0.3	3	-0.07	0.03	-0.24
40.	3	1529.6	1.4	1530.5	1528.0	3	-5.0	-0.2	-0.2	-0.7	3	-2.43	-0.23	-3.70
50.	3	1524.4	0.4	1524.8	1524.1	3	-6.4	-4.6	-4.6	-7.6	3	-2.62	-2.02	-3.10
100.	3	1521.2	0.3	1521.4	1520.8	3	-0.3	-0.9	-0.9	-0.9	3	-0.37	-0.30	-0.49
125.	3	1520.9	0.3	1521.2	1520.7	3	-0.4	-0.1	-0.1	-0.7	3	-0.32	-0.23	-0.44
150.	3	1520.5	0.5	1521.0	1520.1	3	-0.4	-0.4	-0.4	-0.7	3	-0.31	-0.14	-0.49
200.	3	1520.1	0.5	1520.5	1519.6	3	0.0	0.0	0.0	0.0	3	-0.16	-0.15	-0.17
250.	3	1519.7	0.7	1520.1	1518.9	3	-0.3	-0.1	-0.1	-0.4	3	-0.24	-0.20	-0.28
300.	3	1518.5	1.0	1519.1	1517.3	3	-1.1	-1.0	-1.0	-1.1	3	-0.51	-0.51	-0.51
400.	3	1514.9	1.4	1515.8	1513.3	3	-0.9	-0.8	-0.8	-1.3	3	-0.42	-0.30	-0.52
500.	3	1511.4	2.3	1513.0	1508.8	3	-1.1	-1.4	-1.4	-1.8	3	-0.42	-0.09	-0.61
600.	3	1508.3	2.6	1508.6	1503.5	3	-1.3	-1.0	-1.0	-3.6	3	-0.70	-0.44	-1.12
700.	3	1502.4	3.0	1505.8	1500.5	3	-1.0	-0.1	-0.1	-2.2	3	-0.40	-0.17	-0.70
800.	3	1499.5	3.5	1503.4	1496.7	3	-0.7	-0.6	-0.6	-0.2	3	-0.33	-0.30	-0.35
900.	3	1495.6	5.0	1501.0	1491.2	2	-1.6	-1.1	-1.1	-2.1	2	-0.53	-0.42	-0.64
1000.	3	1494.5	4.2	1499.0	1490.8	3	-0.4	0.2	0.2	-1.5	3	-0.17	-0.08	-0.30
1100.	3	1494.1	3.2	1497.4	1491.0	3	-0.1	0.6	0.6	-0.5	3	-0.16	-0.06	-0.26
1200.	3	1493.8	3.1	1498.4	1490.4	3	-0.1	0.2	0.2	-0.2	3	-0.13	-0.08	-0.18
1300.	3	1493.4	3.0	1498.0	1490.4	3	0.0	0.2	0.2	-0.1	3	-0.11	-0.07	-0.17
1400.	3	1494.2	2.8	1496.0	1491.0	3	0.2	0.1	0.1	0.1	3	-0.09	-0.08	-0.11
1500.	3	1494.6	2.4	1496.2	1491.8	3	0.1	0.2	0.2	0.1	3	-0.09	-0.05	-0.10
1750.	2	1495.8	1.6	1496.9	1494.6	2	0.2	0.4	0.4	0.1	2	-0.07	-0.03	-0.11
2000.	2	1498.9	0.3	1499.1	1498.7	2	0.4	0.5	0.5	0.3	2	-0.03	-0.01	-0.06

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 113 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1523.2	3.4	1524.1	1517.8	0	0.0	1.21	20.25	18.07	0	0.00	0.00	0.00
10.	3	1520.5	3.6	1524.7	1518.0	3	0.1	1.8	20.42	19.09	3	0.22	0.52	0.06
20.	3	1520.7	3.3	1525.0	1518.0	3	0.4	0.9	20.44	18.03	3	-0.06	0.06	-0.13
30.	3	1520.9	3.7	1525.1	1518.4	3	0.6	1.2	20.41	18.12	3	0.04	0.27	-0.09
50.	3	1521.3	3.8	1525.6	1519.7	3	0.6	0.8	20.47	18.11	3	0.04	0.09	-0.02
75.	3	1521.0	3.7	1525.2	1518.2	3	-0.3	0.3	20.19	17.79	3	-0.33	-0.24	-0.41
100.	3	1521.0	4.1	1525.7	1517.9	2	0.2	0.6	20.19	17.43	2	-0.14	-0.28	-0.28
125.	3	1520.4	3.7	1524.5	1517.2	3	-0.7	0.3	19.53	17.04	3	-0.47	-0.11	-0.50
150.	3	1519.9	3.6	1523.5	1516.4	3	-0.7	0.1	18.96	16.63	3	-0.44	-0.12	-0.69
200.	3	1518.8	3.8	1522.0	1514.6	3	-0.3	0.1	18.13	15.82	3	-0.28	-0.14	-0.50
250.	3	1518.2	4.3	1522.6	1514.0	3	-0.4	0.4	18.08	15.40	3	-0.26	-0.01	-0.51
300.	3	1517.6	4.8	1522.9	1513.5	3	-0.3	0.2	17.92	14.99	3	-0.26	-0.10	-0.43
400.	3	1515.7	5.7	1522.2	1511.9	2	-0.7	-0.9	17.15	14.02	2	-0.43	-0.30	-0.46
500.	3	1513.6	5.5	1519.5	1508.7	3	-0.6	0.0	16.1	15.80	3	-0.33	-0.14	-0.42
600.	3	1509.4	4.4	1512.0	1504.4	3	-1.2	0.2	15.19	13.06	3	-0.49	-0.06	-0.87
700.	3	1505.6	6.6	1512.6	1499.6	2	-2.0	-1.7	12.79	9.29	2	-0.67	-0.57	-0.77
800.	3	1501.9	9.9	1513.3	1495.2	1	-1.3	-1.3	12.52	7.71	2	-0.60	-0.48	-0.72
900.	3	1499.4	12.6	1514.0	1491.8	3	-0.7	0.2	12.25	6.47	3	-0.31	-0.08	-0.53
1000.	3	1496.2	5.7	1507.4	1490.2	3	-1.2	-0.4	10.00	5.64	3	-0.44	-0.24	-0.84
1100.	3	1493.5	6.1	1500.6	1489.8	3	-0.8	-0.1	7.81	5.15	3	-0.33	-0.14	-0.67
1200.	3	1493.1	4.5	1498.3	1490.1	3	-0.0	0.2	6.82	4.81	3	-0.13	-0.06	-0.22
1300.	3	1493.0	3.5	1497.0	1490.6	3	-0.0	0.2	6.09	4.53	3	-0.13	-0.07	-0.23
1400.	3	1493.0	2.4	1495.7	1491.4	3	0.0	0.3	5.33	4.33	3	-0.12	-0.05	-0.23
1500.	2	1492.6	0.1	1492.7	1492.5	2	0.3	0.3	4.22	4.18	2	-0.05	-0.05	-0.06
1750.	2	1495.0	0.3	1495.2	1494.8	2	0.3	0.3	3.83	3.75	2	-0.05	-0.05	-0.05
2000.	1	1458.2	0.0	1498.2	1498.2	1	0.4	0.4	3.54	3.54	1	-0.04	-0.04	-0.04
2500.	1	1505.6	0.0	1505.6	1505.6	1	0.5	0.5	3.28	3.28	1	-0.02	-0.02	-0.02
3000.	1	1513.4	0.0	1513.4	1513.4	1	0.5	0.5	3.09	3.09	1	-0.01	-0.01	-0.01
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0	0.00	0.00	0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 113 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	52	1519.6	0.4	1521.0	1518.6	0	0.0	0.0	0.0	53	18.47	0.16	18.96	18.14	0	0.00	0.00	0.00
10.	52	1519.7	0.4	1521.0	1518.7	52	0.4	1.5	-0.3	53	18.46	0.15	18.89	18.15	53	-0.03	0.09	-0.27
20.	52	1519.9	0.4	1521.2	1518.9	52	0.4	1.3	0.3	53	18.45	0.15	18.90	18.14	53	-0.03	0.17	-0.15
30.	52	1520.0	0.4	1521.5	1519.0	52	0.4	1.5	0.3	53	18.44	0.15	18.96	18.14	53	-0.03	0.18	-0.15
50.	52	1520.3	0.3	1521.8	1519.3	52	0.4	1.0	0.2	53	18.42	0.15	18.97	18.14	53	-0.03	0.03	-0.15
75.	52	1520.6	0.2	1522.2	1519.7	52	0.4	1.0	0.1	53	18.40	0.15	18.95	18.11	53	-0.04	0.02	-0.20
100.	52	1520.9	0.2	1522.1	1519.8	52	0.4	1.5	-0.1	53	18.37	0.14	18.79	18.01	53	-0.04	0.02	-0.30
125.	52	1521.2	0.3	1522.0	1520.1	52	0.4	0.6	-0.3	53	18.34	0.15	18.61	17.95	53	-0.04	0.01	-0.30
150.	52	1521.5	0.2	1522.4	1520.3	52	0.3	0.6	-0.2	53	18.30	0.16	18.60	17.90	53	-0.05	-0.01	-0.30
200.	52	1522.1	0.4	1523.2	1520.8	50	0.3	0.6	-0.3	53	18.21	0.19	18.59	17.78	53	-0.07	0.05	-0.30
250.	53	1522.4	0.5	1523.6	1520.4	52	0.1	0.6	-0.7	53	18.04	0.23	18.45	17.36	53	-0.13	0.02	-0.40
300.	53	1522.5	0.8	1524.1	1519.3	51	-0.0	1.0	-1.5	53	17.77	0.29	18.35	16.78	53	-0.17	0.01	-0.52
400.	53	1521.4	1.8	1523.9	1517.0	50	-0.5	1.0	-2.4	53	16.91	0.56	17.71	15.55	52	-0.23	5.49	-0.88
500.	53	1517.5	2.6	1524.1	1512.2	51	-1.5	0.3	-3.6	53	15.22	0.79	17.28	13.65	53	-0.61	-0.03	-1.23
600.	50	1511.7	3.0	1518.8	1504.0	49	-2.0	-0.1	-3.3	51	13.08	0.89	15.11	10.90	51	-0.71	-0.16	-1.05
700.	44	1504.3	3.2	1512.0	1497.4	41	-2.4	-0.7	-3.7	45	10.58	0.91	12.67	8.72	45	-0.77	-0.31	-1.14
800.	42	1497.5	2.1	1502.6	1492.0	41	-1.8	-0.8	-3.0	44	8.36	0.59	10.00	6.92	44	-0.64	-0.30	-2.03
900.	32	1493.2	1.2	1495.8	1491.1	31	-1.1	-0.5	-1.9	35	6.80	0.41	7.89	5.52	35	-0.41	-0.23	-0.62
1000.	28	1491.2	0.9	1492.8	1489.0	27	-0.6	-0.2	-1.3	28	5.67	0.22	6.27	5.34	28	-0.26	-0.12	-0.44
1100.	19	1490.6	0.7	1492.0	1488.8	18	-0.1	0.2	-0.4	19	5.31	0.18	5.65	4.89	19	-0.15	-0.10	-0.22
1200.	13	1491.1	0.5	1491.1	1489.2	12	-0.0	0.1	-0.5	13	4.86	0.12	5.04	4.58	13	-0.13	-0.09	-0.24
1300.	12	1490.6	0.4	1491.3	1489.8	11	0.1	0.3	0.1	12	4.53	0.10	4.70	4.33	12	-0.09	-0.07	-0.13
1400.	8	1491.4	0.4	1492.0	1490.6	8	0.2	0.3	0.2	8	4.30	0.10	4.45	4.14	8	-0.07	-0.14	-0.08
1500.	6	1492.3	0.3	1492.8	1491.8	6	0.3	0.4	0.2	6	4.14	0.08	4.25	4.01	6	-0.05	-0.03	-0.07
1750.	6	1495.3	0.2	1495.6	1495.0	5	0.4	0.5	0.3	6	3.85	0.05	3.92	3.78	6	-0.03	-0.02	-0.04
2000.	6	1498.6	0.1	1498.8	1498.3	6	0.4	0.4	0.4	7	3.64	0.02	3.67	3.59	7	-0.02	-0.02	-0.03
2500.	3	1505.5	0.4	1505.8	1505.1	3	0.4	0.4	0.4	3	3.28	0.04	3.31	3.24	3	-0.03	-0.02	-0.03
3000.	3	1512.4	0.4	1512.6	1511.9	2	0.4	0.4	0.4	3	2.86	0.04	2.89	2.82	3	-0.02	-0.02	-0.03

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 113 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1516.5	0.5	1517.0	1515.6	0	0.0	0.0	0.0	17.13	8	0.00	0.00	0.00
10.	8	1516.6	0.4	1517.1	1515.8	8	0.5	0.6	0.3	17.14	8	0.00	0.03	-0.01
20.	8	1516.8	0.4	1517.3	1516.0	8	0.4	0.6	0.3	17.15	8	-0.03	0.03	-0.05
30.	8	1516.9	0.4	1517.5	1516.2	8	0.5	0.8	0.4	17.17	8	-0.00	0.06	-0.05
50.	8	1517.3	0.4	1517.9	1516.6	8	0.5	0.6	0.3	17.19	8	0.01	0.03	-0.02
75.	8	1517.6	0.4	1518.3	1517.0	8	0.3	0.5	0.4	17.17	8	-0.05	-0.01	-0.13
100.	8	1517.9	0.4	1518.7	1517.4	8	0.4	0.6	0.5	17.18	8	-0.02	0.01	-0.19
125.	8	1518.3	0.4	1519.1	1517.8	6	0.5	0.6	0.4	17.18	8	-0.01	0.01	-0.04
150.	8	1518.6	0.5	1519.5	1517.9	8	0.3	0.5	0.1	17.10	8	-0.03	-0.01	-0.10
200.	8	1519.2	0.8	1520.4	1517.7	8	0.2	0.5	-0.1	16.76	8	-0.06	0.01	-0.21
250.	8	1519.4	1.6	1521.2	1516.4	8	0.1	0.5	-0.9	16.13	8	-0.12	0.01	-0.41
300.	8	1519.5	2.6	1522.0	1514.8	8	-0.1	0.5	-1.3	15.39	8	-0.20	-0.07	-0.57
400.	8	1518.2	4.4	1521.9	1510.4	7	-0.5	-0.1	-1.0	13.63	7	-0.32	-0.15	-0.61
500.	8	1514.8	5.5	1519.9	1504.7	8	-1.1	-0.5	-2.0	11.56	8	-0.49	-0.30	-0.72
600.	8	1510.0	6.8	1516.8	1499.2	8	-1.5	-0.9	-2.8	9.62	8	-0.58	-0.41	-0.84
700.	8	1504.4	6.5	1510.9	1494.5	8	-1.9	-0.7	-3.1	7.99	8	-0.54	-0.32	-0.97
800.	8	1499.1	6.2	1505.3	1489.1	8	-1.7	-0.8	-2.2	6.24	8	-0.57	-0.33	-0.71
900.	8	1495.2	4.2	1500.4	1488.7	8	-1.1	-0.1	-1.8	5.73	8	-0.43	-0.15	-0.61
1000.	8	1492.8	2.5	1496.5	1488.5	8	-0.6	0.3	-1.4	5.25	8	-0.29	-0.06	-0.48
1100.	8	1491.8	1.6	1494.0	1488.3	8	-0.2	0.4	-0.5	4.79	8	-0.18	-0.02	-0.25
1200.	8	1491.4	1.5	1493.7	1488.5	8	-0.1	0.1	-0.3	4.42	8	-0.16	-0.11	-0.21
1300.	8	1491.4	1.3	1493.6	1489.4	8	0.0	0.3	-0.1	4.23	8	-0.11	-0.05	-0.14
1400.	8	1492.0	1.0	1493.8	1490.5	8	0.2	0.3	0.1	4.08	8	-0.06	-0.04	-0.11
1500.	8	1492.9	0.8	1494.3	1491.6	8	0.2	0.5	0.1	3.95	8	-0.05	-0.00	-0.09
1750.	8	1495.8	0.6	1496.8	1494.9	8	0.4	0.4	0.4	3.72	8	-0.02	-0.01	-0.04
2000.	8	1499.0	0.5	1499.6	1498.1	8	0.4	0.5	0.3	3.49	8	-0.03	-0.02	-0.05
2500.	8	1506.2	0.4	1506.7	1505.5	6	0.4	0.4	0.3	3.25	8	-0.01	-0.00	-0.03
3000.	8	1513.0	0.9	1513.9	1511.0	7	0.4	0.4	0.3	2.50	8	-0.03	-0.02	-0.06
4000.	1	1527.6	0.0	1527.6	1527.6	1	0.5	0.5	0.5	2.31	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 113 FOR MONTH 5

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	3	1521.4	3.2	1519.6	1519.5	0	0.0	0.0	0.0	3	19.23	1.10	18.67	18.53	0	0.00	0.00	0.00		
10.	3	1520.5	4.7	1525.5	1516.2	3	-3.0	0.6	-10.1	3	18.87	1.61	20.57	17.36	3	-1.20	-0.04	-3.57		
20.	3	1519.8	5.9	1525.6	1513.8	3	-2.2	0.3	-7.3	3	18.59	2.01	20.56	16.54	3	-0.84	-0.03	-2.53		
30.	3	1519.7	6.4	1525.8	1513.1	3	0.5	0.6	0.4	3	18.48	2.16	20.56	16.24	3	-0.10	-0.12	-0.19		
50.	2	1516.4	4.8	1519.8	1513.0	2	-0.8	-1.5	-1.5	2	17.24	1.61	18.38	16.10	2	-0.61	-0.30	-0.91		
75.	2	1515.8	4.5	1519.0	1512.6	2	0.0	0.0	0.0	2	16.88	1.44	17.90	15.86	2	0.00	0.00	0.00		
100.	2	1515.8	4.8	1519.2	1512.4	2	-1.3	-1.0	-1.5	2	16.74	1.51	17.80	15.67	2	-0.58	-0.41	-0.76		
125.	3	1517.5	5.9	1522.8	1511.1	3	-1.6	-0.7	-2.4	3	17.17	1.88	18.89	15.16	3	-0.69	-0.41	-1.05		
150.	2	1513.3	4.5	1516.5	1510.1	2	-6.2	-1.0	-11.4	2	15.73	1.37	16.70	14.76	2	-1.98	-0.30	-3.66		
200.	2	1506.8	3.5	1509.2	1504.3	2	0.3	0.5	0.5	2	13.60	0.94	14.26	12.93	2	-0.05	-0.10	-0.10		
250.	2	1507.1	2.5	1508.8	1505.3	2	0.2	0.6	-0.2	2	13.43	0.67	13.90	12.95	2	-0.10	0.01	-0.22		
300.	2	1505.7	2.3	1507.3	1504.0	2	-3.6	-1.8	-5.4	2	12.78	0.62	13.22	12.34	2	-1.15	-0.61	-1.67		
400.	2	1496.7	6.6	1501.3	1492.0	2	-1.2	-2.3	-2.3	2	9.91	1.65	11.08	8.74	2	-0.44	-0.11	-0.77		
500.	2	1493.5	1.6	1494.6	1492.4	2	-1.0	0.1	-2.0	2	8.60	0.40	8.88	8.31	2	-0.40	-0.13	-0.67		
600.	2	1484.8	7.5	1490.1	1479.5	2	-0.1	0.8	-1.0	2	6.06	1.75	7.29	4.82	2	-0.20	-0.40	-0.40		
700.	2	1484.6	3.8	1487.3	1481.9	2	-0.1	0.7	-0.9	2	5.56	0.88	6.18	4.93	2	-0.15	0.03	-0.34		
800.	1	1485.8	0.0	1485.8	1485.8	1	-0.4	-0.4	-0.4	1	5.39	0.00	5.39	4.93	1	-0.22	-0.22	-0.22		
900.	1	1485.2	0.0	1485.2	1485.2	1	-0.2	-0.2	-0.2	1	4.84	0.00	4.84	4.84	1	-0.17	-0.17	-0.17		
1000.	1	1486.3	0.0	1486.3	1486.3	1	0.5	0.5	0.5	1	4.72	0.00	4.72	4.72	1	-0.00	-0.00	-0.00		
1100.	1	1487.6	0.0	1487.6	1487.6	1	0.4	0.4	0.4	1	4.62	0.00	4.62	4.62	1	-0.03	-0.03	-0.03		
1200.	1	1488.3	0.0	1488.3	1488.3	1	0.0	0.0	0.0	1	4.38	0.00	4.38	4.38	1	-0.12	-0.12	-0.12		
1300.	1	1488.7	0.0	1488.7	1488.7	1	0.1	0.1	0.1	1	4.09	0.00	4.09	4.09	1	-0.09	-0.09	-0.09		
1400.	1	1490.0	0.0	1490.0	1490.0	1	0.5	0.5	0.5	1	3.99	0.00	3.99	3.99	1	-0.02	-0.02	-0.02		
1500.	1	1491.4	0.0	1491.4	1491.4	1	0.4	0.4	0.4	1	3.93	0.00	3.93	3.93	1	-0.02	-0.02	-0.02		
1750.	1	1495.0	0.0	1495.0	1495.0	0	0.0	0.0	0.0	1	3.79	0.00	3.79	3.79	1	-0.02	-0.02	-0.02		
2000.	1	1498.7	0.0	1498.7	1498.7	1	0.5	0.5	0.5	1	3.65	0.00	3.65	3.65	1	-0.02	-0.02	-0.02		
2500.	1	1505.8	0.0	1505.8	1505.8	1	0.4	0.4	0.4	1	3.32	0.00	3.32	3.32	1	-0.02	-0.02	-0.02		
3000.	1	1513.1	0.0	1513.1	1513.1	1	0.4	0.4	0.4	1	3.00	0.00	3.00	3.00	1	-0.02	-0.02	-0.02		

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 113 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1522.3	8.3	1528.8	1508.5	0.0	0	0.0	0.0	0.0	5	20.01	2.47	21.90	15.88	0	0.00	0.00
10.	5	1519.9	8.7	1527.7	1505.6	-1.2	5	-7.6	-1.2	-15.8	5	19.06	2.61	21.42	14.80	5	-2.99	-1.16
20.	5	1517.6	9.5	1526.7	1502.4	-1.8	5	-7.1	-1.8	-12.8	5	18.19	2.87	20.98	13.68	5	-2.65	-1.16
30.	5	1514.7	10.1	1525.9	1499.3	-2.2	5	-9.5	-2.2	-23.9	5	17.18	3.02	20.64	12.66	5	-3.35	-0.91
50.	5	1509.1	11.6	1523.7	1493.9	-6.1	5	-7.5	-6.1	-9.1	5	15.26	3.41	19.69	10.91	5	-2.58	-2.44
75.	5	1504.0	12.1	1519.3	1488.4	-8.0	5	-2.9	-8.0	0	5	13.57	3.42	18.01	9.27	5	-1.15	1.22
100.	5	1502.7	13.6	1517.2	1485.4	-3.0	4	0.0	2.0	-3.0	5	13.05	3.76	17.15	6.33	5	-0.17	0.30
125.	5	1502.6	13.1	1517.2	1487.0	-2.0	5	-0.0	2.0	-2.0	5	12.89	3.65	17.01	8.57	5	-0.20	0.29
150.	5	1502.0	12.6	1517.2	1488.5	-3.0	5	-0.6	1.8	-3.0	5	12.57	3.49	16.87	8.81	5	-0.30	0.29
200.	5	1501.1	13.2	1517.3	1488.2	-6.6	4	-1.9	-0.4	-6.6	5	12.08	3.38	16.65	8.58	5	-0.57	-0.07
250.	5	1499.0	14.9	1517.6	1480.3	-5.7	5	-1.3	0.2	-5.7	5	11.31	4.04	16.49	6.37	5	-0.47	-0.10
300.	5	1497.3	16.0	1517.6	1476.5	-2.7	5	-0.6	1.7	-2.7	5	10.66	4.28	16.25	5.24	5	-0.37	0.20
400.	5	1494.5	14.9	1517.0	1478.5	-2.0	5	-1.0	-0.3	-2.0	5	9.41	3.99	15.56	5.27	5	-0.42	-0.23
500.	5	1491.7	14.4	1515.2	1478.1	-1.7	5	-0.6	1.0	-1.7	5	8.23	3.82	14.54	4.76	5	-0.31	0.10
600.	5	1489.6	12.8	1511.6	1479.9	-1.3	5	-0.7	-0.2	-1.3	5	7.24	3.36	13.04	4.77	5	-0.31	-0.14
700.	5	1488.0	11.0	1507.2	1480.6	-1.3	5	-0.4	0.5	-1.3	5	6.42	2.82	11.35	4.54	5	-0.23	-0.12
800.	5	1487.1	8.5	1502.2	1482.0	-1.6	5	-0.2	0.3	-1.6	5	5.75	2.14	9.53	4.46	5	-0.20	-0.06
900.	5	1486.7	6.1	1497.6	1482.9	-1.4	5	-0.1	0.3	-1.4	5	5.23	1.50	7.88	4.29	5	-0.16	-0.05
1000.	5	1486.6	3.9	1493.6	1484.0	0.2	4	0.3	0.4	0.2	5	4.79	0.95	6.46	4.16	5	-0.13	-0.03
1100.	5	1487.0	2.4	1491.1	1485.3	1.0	4	0.5	1.0	0.2	5	4.46	0.56	5.44	4.06	5	-0.05	-0.03
1200.	5	1487.8	1.9	1491.1	1486.6	0.3	5	0.3	0.4	0.3	5	4.27	0.45	5.05	3.96	5	-0.05	-0.02
1300.	5	1488.8	1.5	1491.4	1487.7	0.1	5	0.3	0.4	0.1	5	4.11	0.35	4.71	3.84	5	-0.05	-0.03
1400.	5	1489.9	1.2	1491.9	1488.9	0.2	5	0.3	0.4	0.2	5	3.96	0.28	4.44	3.73	5	-0.05	-0.03
1500.	5	1491.0	1.0	1492.6	1490.1	0.3	5	0.4	0.4	0.3	5	3.83	0.23	4.21	3.63	5	-0.04	-0.03
1750.	4	1494.4	0.8	1495.5	1493.9	0.4	4	0.4	0.5	0.4	4	3.64	0.18	3.90	3.51	4	-0.02	-0.01
2000.	2	1497.8	0.2	1497.9	1497.6	0.5	2	0.5	0.5	0.5	2	3.44	0.07	3.49	3.39	2	-0.01	-0.01
2500.	1	1505.5	0.0	1505.5	1505.5	0.5	1	0.5	0.5	0.5	1	3.26	0.00	3.26	3.26	1	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 113 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1529.4	8.6	1534.9	1519.5	0	0.0	0.0	0.0	3	22.68	2.67	24.45	19.60	0	0.00	0.00	0.00
10.	3	1529.4	8.1	1534.5	1520.0	3	-0.1	1.7	-1.4	3	22.51	2.62	24.18	19.49	3	-0.58	-0.37	-0.91
20.	3	1528.9	8.3	1533.9	1519.3	3	-1.5	-0.6	-2.1	3	22.17	2.74	23.85	19.00	3	-1.04	-0.61	-1.49
30.	3	1527.8	9.1	1533.2	1517.3	3	-3.3	-1.5	-6.1	3	21.66	3.08	23.49	18.11	3	-1.53	-0.79	-2.71
50.	3	1522.9	14.8	1531.5	1505.8	3	-9.7	-4.6	-18.5	3	19.85	4.80	22.68	14.31	3	-3.36	-1.91	-6.05
75.	3	1518.2	17.4	1528.2	1498.1	3	-3.7	-3.3	-4.0	3	18.10	5.38	21.22	11.89	3	-1.54	-1.14	-1.78
100.	3	1515.7	17.6	1526.0	1495.3	2	-2.6	-1.7	-3.4	3	17.09	5.31	20.19	10.96	3	-0.86	-0.61	-1.13
125.	3	1514.0	18.7	1524.8	1492.4	3	-2.1	-1.1	-3.5	3	16.41	5.53	19.62	10.03	3	-0.82	-0.60	-1.13
150.	2	1523.9	0.2	1524.0	1523.7	2	-1.1	-1.0	-1.2	2	19.12	0.10	19.19	19.05	2	-0.59	-0.52	-0.65
200.	2	1522.9	0.4	1523.2	1522.6	2	-0.1	-0.2	-0.2	2	18.49	0.14	18.59	18.39	2	-0.17	-0.12	-0.22
250.	2	1522.9	0.6	1523.3	1522.4	2	-0.0	0.1	-0.1	2	18.19	0.23	18.35	18.03	2	-0.18	-0.15	-0.22
300.	2	1522.7	0.8	1523.3	1522.1	2	-0.1	-0.1	-0.1	2	17.88	0.28	18.08	17.68	2	-0.18	-0.17	-0.19
400.	2	1521.9	1.8	1523.1	1520.6	2	-0.3	-0.7	-0.7	2	17.07	0.54	17.45	16.68	2	-0.24	-0.12	-0.36
500.	2	1519.2	3.9	1521.9	1516.4	2	-1.2	-0.8	-1.6	2	15.73	1.16	16.55	14.91	2	-0.53	-0.43	-0.64
600.	2	1514.7	5.0	1518.2	1511.1	2	-1.6	-1.6	-1.6	2	13.91	1.45	14.93	12.88	2	-0.61	-0.60	-0.61
700.	2	1508.6	6.1	1512.9	1504.3	1	-2.2	-2.2	-2.2	2	11.74	1.67	12.92	10.56	1	-0.74	-0.74	-0.74
800.	2	1502.2	6.6	1506.8	1497.5	2	-2.1	-2.0	-2.1	2	9.57	1.73	10.79	9.35	2	-0.68	-0.66	-0.70
900.	2	1495.8	5.9	1500.0	1491.6	0	0.0	0.0	0.0	2	7.49	1.50	8.55	6.43	0	0.00	0.00	0.00
1000.	1	1493.3	0.0	1493.3	1493.3	1	-2.1	-2.1	-2.1	1	6.44	0.00	6.44	6.44	1	-0.63	-0.63	-0.63
1100.	1	1492.9	0.0	1492.9	1492.9	1	0.2	0.2	0.2	1	5.93	0.00	5.93	5.93	1	-0.09	-0.09	-0.09
1200.	1	1493.5	0.0	1493.5	1493.5	1	0.2	0.2	0.2	1	5.65	0.00	5.65	5.65	1	-0.09	-0.09	-0.09
1300.	1	1494.0	0.0	1494.0	1494.0	1	0.2	0.2	0.2	1	5.37	0.00	5.37	5.37	1	-0.09	-0.09	-0.09
1400.	1	1494.5	0.0	1494.5	1494.5	1	0.2	0.2	0.2	1	5.09	0.00	5.09	5.09	1	-0.09	-0.09	-0.09
1500.	1	1495.0	0.0	1495.0	1495.0	1	0.2	0.2	0.2	1	4.80	0.00	4.80	4.80	1	-0.09	-0.09	-0.09
1750.	1	1496.2	0.0	1496.2	1496.2	1	0.1	0.1	0.1	1	4.06	0.00	4.06	4.06	1	-0.10	-0.10	-0.10
2000.	1	1499.0	0.0	1499.0	1499.0	1	0.5	0.5	0.5	1	3.72	0.00	3.72	3.72	1	-0.01	-0.01	-0.01
2500.	1	1506.5	0.0	1506.5	1506.5	1	0.5	0.5	0.5	1	3.48	0.00	3.48	3.48	1	-0.02	-0.02	-0.02
3000.	1	1513.8	0.0	1513.8	1513.8	1	0.4	0.4	0.4	1	3.17	0.00	3.17	3.17	1	-0.02	-0.02	-0.02
4000.	1	1528.5	0.0	1528.5	1528.5	0	0.0	0.0	0.0	1	2.52	0.00	2.52	2.52	0	0.00	0.00	0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 113 FOR MONTH 8

DEPTH	VELOCITY					VFLOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	2	1537.1	1.7	0.0	0.0	0	0.0	0.0	0.0	3	25.53	0.63	25.87	25.87	0	0.00	0.00	0.00		
10.	2	1536.9	2.0	1538.3	1535.5	2	-0.6	-1.2	-1.2	3	25.21	0.67	25.87	24.54	3	-1.00	-0.15	-2.01		
20.	2	1535.4	4.2	1538.4	1532.4	2	-4.6	0.3	-9.4	3	24.53	1.33	25.84	23.18	3	-2.06	-0.09	-4.15		
30.	2	1534.1	6.3	1538.5	1529.6	2	-4.1	0.3	-8.5	3	23.92	1.91	25.81	21.99	3	-1.87	-0.09	-3.63		
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	22.78	0.00	22.78	22.78	1	-1.83	-1.83	-1.83		
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	21.39	0.00	21.39	21.39	1	-1.69	-1.69	-1.69		
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	20.27	0.00	20.27	20.27	1	-0.91	-0.91	-0.91		
125.	2	1521.9	1.3	1522.8	1521.0	2	-0.9	0.6	-2.4	3	18.91	0.69	19.60	18.23	3	-0.65	-0.12	-1.01		
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	19.03	0.00	19.03	19.03	1	-0.69	-0.69	-0.69		
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.26	0.00	18.26	18.26	1	-0.10	-0.10	-0.10		
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	18.05	0.00	18.05	18.05	1	-0.13	-0.13	-0.13		
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.91	0.00	17.91	17.91	1	0.00	0.00	0.00		
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	17.60	0.00	17.60	17.60	1	-0.17	-0.17	-0.17		
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	16.71	0.00	16.71	16.71	1	-0.27	-0.27	-0.27		
600.	2	1512.4	14.2	1522.4	1502.3	2	-1.0	-0.4	-1.5	3	13.93	3.07	16.20	10.44	3	-0.47	-0.24	-0.61		
700.	2	1508.6	17.0	1520.6	1496.5	2	-1.2	-0.5	-1.8	3	12.27	3.41	15.13	8.50	3	-0.51	-0.33	-0.61		
800.	2	1507.0	14.0	1516.9	1497.1	1	-0.7	-0.7	-0.7	3	10.88	2.68	13.58	8.23	2	-0.55	-0.32	-0.78		
900.	2	1503.1	11.5	1511.2	1495.0	2	-1.2	-0.6	-1.8	3	9.12	2.18	11.52	7.26	3	-0.54	-0.30	-0.68		
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	7.30	0.00	7.30	7.30	1	-0.30	-0.30	-0.30		
1100.	2	1498.8	9.8	1505.7	1491.9	2	0.0	0.0	0.0	3	7.06	1.81	9.11	5.66	3	-0.18	-0.13	-0.27		
1200.	2	1497.2	8.8	1503.4	1491.0	2	-0.5	-0.3	-0.7	3	6.25	1.63	8.10	5.03	3	-0.25	-0.19	-0.31		
1300.	2	1496.0	7.8	1501.5	1490.5	2	-0.3	-0.1	-0.6	3	5.56	1.43	7.19	4.51	3	-0.21	-0.15	-0.28		
1400.	2	1495.2	6.6	1499.9	1490.5	2	-0.2	-0.5	-0.5	3	4.98	1.22	6.37	4.11	3	-0.12	-0.12	-0.25		
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	4.21	0.00	4.21	4.21	1	-0.07	-0.07	-0.07		
1750.	1	1497.2	0.0	1497.2	1497.2	1	0.3	0.3	0.3	2	4.03	0.37	4.29	3.76	2	-0.06	-0.05	-0.06		
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.54	0.0	3.54	3.54	1	-0.01	-0.01	-0.01		
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.42	0.00	3.42	3.42	1	-0.01	-0.01	-0.01		
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.14	0.00	3.14	3.14	1	-0.03	-0.03	-0.03		
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00		

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 113 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	64	1536.7	1.1	1538.7	1530.7	0	0.0	0.0	0.0	66	25.19	0.50	26.13	23.36	0	0.00	0.00	0.00
10.	65	1536.4	1.6	1538.5	1525.8	63	-0.8	1.5	-16.6	67	25.04	0.64	25.90	21.36	65	-0.52	0.49	-6.77
20.	69	1536.4	2.2	1539.8	1520.8	67	-0.5	1.5	-15.2	71	24.93	0.84	25.93	19.42	71	-2.78	0.30	-49.95
30.	69	1536.2	2.8	1539.0	1516.4	63	-1.0	3.0	-13.4	71	24.78	1.04	25.95	17.77	70	-1.23	0.20	-36.65
50.	46	1534.8	4.2	1539.3	1509.6	44	-6.6	0.8	-27.4	48	24.05	1.51	25.93	15.35	46	-2.87	-0.35	-11.23
75.	6	1526.7	5.0	1533.2	1509.0	6	-5.2	-0.7	-7.3	8	21.22	2.67	23.18	14.91	8	-2.31	-0.54	-3.28
100.	6	1523.2	7.8	1529.9	1508.0	5	-3.3	-1.2	-6.0	8	19.54	2.22	21.64	14.42	8	-1.66	-0.50	-2.51
125.	6	1521.7	7.8	1527.7	1506.3	5	-1.7	-0.2	-2.7	8	18.88	2.16	20.66	13.79	8	-0.76	-0.29	-1.19
150.	6	1520.5	7.9	1525.7	1504.6	6	-1.5	-0.4	-2.2	8	18.36	2.15	19.84	13.19	8	-0.64	-0.29	-1.00
200.	6	1518.8	8.6	1523.5	1501.4	6	-0.3	0.1	-1.0	8	17.55	2.24	18.74	12.06	8	-0.39	-0.16	-0.62
250.	6	1518.1	9.6	1523.4	1498.5	6	-0.4	-0.1	-1.8	8	16.97	2.42	18.38	11.02	8	-0.36	-0.18	-0.65
300.	6	1517.4	10.6	1523.3	1495.8	5	-0.1	1.5	-1.5	7	16.28	2.80	18.07	10.08	7	-0.30	-0.15	-0.71
400.	6	1515.9	12.2	1523.0	1491.2	5	-0.6	0.1	-3.0	7	15.23	3.15	17.43	8.43	6	-0.34	-0.13	-0.91
500.	6	1513.0	14.1	1521.8	1484.6	5	-0.8	-0.8	-2.0	7	14.05	3.51	16.53	6.35	6	-0.40	-0.09	-0.61
600.	6	1509.1	13.4	1519.2	1483.3	6	-1.0	-0.5	-2.5	7	12.64	3.32	15.25	5.62	7	-0.41	-0.39	-0.85
700.	6	1504.6	12.3	1516.1	1483.2	6	-1.7	4.0	-3.0	7	10.82	2.97	13.85	5.17	7	-0.63	-0.54	-0.91
800.	6	1499.0	10.3	1509.5	1484.4	5	-1.5	-1.5	-2.6	7	8.92	2.45	11.56	5.05	7	-0.57	-0.15	-0.78
900.	6	1494.5	8.1	1502.9	1484.4	6	-1.4	0.2	-2.4	7	7.30	1.89	9.33	4.55	7	-0.47	-0.08	-0.69
1000.	6	1491.9	5.2	1497.5	1486.0	6	-0.3	0.2	-1.3	7	6.18	1.20	7.49	4.63	7	-0.25	-0.08	-0.46
1100.	6	1490.8	3.7	1494.4	1486.2	6	-0.3	0.2	-1.0	7	5.45	0.83	6.27	4.30	7	-0.22	-0.06	-0.38
1200.	6	1490.3	2.4	1492.9	1487.2	6	-0.0	0.6	-0.6	7	4.91	0.54	5.49	4.13	7	-0.14	-0.03	-0.27
1300.	6	1490.7	1.8	1492.4	1488.3	5	0.1	0.3	-0.3	7	4.61	0.40	4.97	3.99	6	-0.09	-0.04	-0.18
1400.	6	1491.5	1.4	1492.9	1489.7	6	0.2	0.5	0.2	7	4.39	0.34	4.72	3.92	7	-0.06	-0.02	-0.08
1500.	6	1492.4	1.2	1493.7	1491.1	6	0.3	0.5	0.2	7	4.23	0.30	4.52	3.85	7	-0.04	-0.02	-0.08
1750.	6	1495.4	1.0	1496.4	1494.2	6	0.4	0.4	0.3	7	3.94	0.25	4.24	3.60	7	-0.03	-0.02	-0.06
2000.	6	1498.8	0.7	1499.6	1497.8	6	0.4	0.5	0.4	7	3.73	0.21	4.07	3.45	7	-0.02	-0.01	-0.03
2500.	6	1506.0	0.5	1506.6	1505.2	6	0.5	0.5	0.4	7	3.44	0.22	3.87	3.19	7	-0.02	-0.01	-0.02
3000.	5	1513.1	0.5	1513.6	1512.3	5	0.4	0.4	0.3	6	3.14	0.33	3.77	2.82	6	-0.03	-0.01	-0.03
4000.	5	1527.9	0.2	1528.3	1527.7	5	0.5	0.5	0.5	5	2.40	0.06	2.49	2.35	5	-0.01	-0.01	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUAPE 113 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1522.9	0.4	1523.2	1522.6	0	0.0	0.0	0.0	2	19.84	0.06	19.88	19.79	0	0.00	0.00	0.00
10.	2	1523.1	0.4	1523.4	1522.8	2	0.6	0.6	0.6	2	19.83	0.04	19.86	19.80	2	-0.02	0.03	-0.05
20.	2	1523.3	0.4	1523.5	1523.0	2	0.5	0.7	0.4	2	19.84	0.02	19.85	19.82	2	0.01	0.07	-0.04
30.	2	1523.5	0.5	1523.8	1523.1	2	0.7	1.3	1.3	2	19.84	0.09	19.90	19.77	2	0.00	0.22	-0.22
50.	2	1522.9	1.4	1523.9	1521.9	2	-1.1	-2.2	-2.2	2	19.56	0.38	19.83	19.29	2	-0.48	-0.15	-0.51
75.	2	1522.4	2.0	1524.3	1521.5	2	0.2	0.5	-0.2	2	19.42	0.55	19.81	19.03	2	-0.10	-0.20	-0.20
100.	2	1522.2	0.8	1522.7	1521.6	2	-1.3	0.2	-2.9	2	18.92	0.08	18.98	18.86	2	-0.79	-0.17	-1.41
125.	2	1521.1	0.8	1521.7	1520.5	2	-1.6	-0.7	-2.4	2	18.38	0.15	18.48	18.27	2	-0.76	-0.39	-1.13
150.	2	1520.0	1.9	1521.3	1518.6	2	-1.4	-0.5	-2.3	2	17.81	0.57	18.21	17.41	2	-0.69	-0.33	-1.05
200.	2	1518.2	4.1	1521.1	1515.3	2	-1.0	-0.1	-1.9	2	16.97	1.28	17.87	16.06	2	-0.48	-0.19	-0.78
250.	2	1517.0	6.4	1521.5	1512.5	2	-0.7	0.2	-1.7	2	16.35	1.94	17.72	14.97	2	-0.35	-0.07	-0.64
300.	2	1515.9	8.3	1521.8	1510.0	2	-0.7	0.2	-1.5	2	15.76	2.52	17.54	12.98	2	-0.36	-0.11	-0.60
400.	2	1513.9	11.7	1522.2	1505.6	2	-0.6	0.1	-1.3	2	14.69	3.49	17.16	12.22	2	-0.32	-0.11	-0.53
500.	2	1510.8	14.7	1521.2	1500.4	1	-3.0	-3.0	-3.0	2	13.35	4.20	16.32	10.38	1	-0.81	-0.81	-0.81
600.	2	1505.8	17.9	1518.4	1493.1	2	-1.6	-0.9	-2.2	2	11.51	4.90	14.97	8.04	2	-0.58	-0.44	-0.72
700.	2	1500.7	17.7	1513.2	1488.1	2	-1.2	-0.7	-1.8	2	9.67	4.70	12.99	6.34	2	-0.47	-0.28	-0.66
800.	2	1497.0	14.7	1507.4	1486.6	2	-0.9	-1.7	-1.7	2	8.26	3.78	10.93	5.58	2	-0.38	-0.15	-0.62
900.	2	1493.9	10.5	1501.3	1486.4	2	-1.1	-0.1	-2.1	2	6.99	2.64	8.86	5.12	2	-0.41	-0.14	-0.64
1000.	2	1491.3	6.3	1495.7	1486.8	2	-0.7	0.4	-1.7	2	5.93	1.56	7.03	4.82	2	-0.28	-0.06	-0.56
1100.	2	1490.4	3.3	1492.7	1488.1	2	-0.0	0.4	-0.4	2	5.30	0.81	5.87	4.72	2	-0.13	-0.03	-0.23
1200.	2	1490.5	1.9	1491.8	1489.1	2	-0.0	0.2	-0.3	2	4.90	0.47	5.23	4.56	2	-0.13	-0.07	-0.20
1300.	2	1490.7	1.3	1491.6	1489.8	2	0.2	0.2	0.1	2	4.56	0.32	4.78	4.33	2	-0.08	-0.07	-0.09
1400.	2	1491.2	1.4	1492.2	1490.2	2	0.2	0.2	0.2	2	4.27	0.34	4.51	4.03	2	-0.09	-0.08	-0.09
1500.	1	1492.9	0.0	1492.9	1492.9	1	0.2	0.2	0.2	1	4.28	0.00	4.28	4.28	1	-0.07	-0.07	-0.07
1750.	1	1495.4	0.0	1495.4	1495.4	1	0.3	0.3	0.3	1	3.86	0.00	3.86	3.86	1	-0.05	-0.05	-0.05
2000.	1	1498.5	0.0	1498.5	1498.5	1	0.4	0.4	0.4	1	3.61	0.00	3.61	3.61	1	-0.00	0.00	0.00
2500.	1	1506.8	0.0	1506.8	1506.8	1	0.4	0.4	0.4	1	3.54	0.00	3.54	3.54	1	-0.03	-0.03	-0.03
3000.	1	1513.5	0.0	1513.5	1513.5	1	0.4	0.4	0.4	1	3.09	0.00	3.09	3.09	1	-0.03	-0.03	-0.03
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 114 FOR MONTH 2

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	2	1517.9	0.4	1518.2	1517.6	0	0.0	0.0	0.0	2	17.25	0.13	17.94	17.76	0	0.00	0.00	0.00		
10.	2	1518.0	0.4	1518.3	1517.7	2	0.3	0.3	0.3	2	17.64	0.13	17.93	17.75	2	-0.03	-0.03	-0.03		
20.	2	1518.2	0.4	1518.4	1517.9	2	0.5	0.6	0.3	2	17.64	0.13	17.93	17.75	2	0.00	0.00	0.00		
30.	2	1518.3	0.4	1518.6	1518.0	2	0.5	0.6	0.3	2	17.83	0.13	17.92	17.74	2	-0.03	-0.03	-0.03		
50.	2	1518.7	0.4	1518.9	1518.4	2	0.5	0.6	0.5	2	17.84	0.12	17.92	17.75	2	0.01	0.02	0.02		
75.	2	1519.1	0.4	1519.3	1518.8	2	0.5	0.6	0.4	2	17.95	0.12	17.93	17.76	2	0.01	0.02	0.02		
100.	2	1519.5	0.4	1519.8	1519.2	2	0.5	0.6	0.5	2	17.86	0.13	17.95	17.76	2	0.01	0.02	0.02		
125.	2	1520.0	0.4	1520.2	1519.7	2	0.3	0.6	0.6	2	17.87	0.13	17.96	17.77	2	0.01	0.01	0.01		
150.	2	1520.3	0.3	1520.5	1520.1	2	0.5	0.6	0.4	2	17.85	0.12	17.93	17.76	2	-0.03	-0.03	-0.03		
200.	2	1521.1	0.4	1521.3	1520.8	2	0.5	0.5	0.4	2	17.83	0.12	17.91	17.74	2	-0.01	-0.01	-0.01		
250.	2	1521.9	0.4	1522.1	1521.6	2	0.5	0.5	0.4	2	17.83	0.12	17.91	17.74	2	0.00	0.01	0.01		
300.	2	1522.7	0.4	1522.9	1522.4	2	0.4	0.5	0.3	2	17.82	0.13	17.91	17.73	2	-0.01	-0.02	-0.02		
400.	2	1524.0	0.1	1524.0	1523.9	2	0.2	0.5	-0.1	2	17.67	0.00	17.57	17.67	2	-0.10	-0.02	-0.10		
500.	2	1521.7	2.5	1523.4	1519.9	2	-0.9	0.4	-2.1	2	16.48	0.76	17.01	15.94	2	-0.43	-0.06	-0.80		
600.	2	1520.1	2.8	1522.1	1518.1	2	-1.4	-0.4	-2.4	2	15.51	0.86	16.12	14.90	2	-0.56	-0.27	-0.87		
700.	2	1513.7	4.4	1516.8	1510.6	2	-2.1	-1.8	-2.3	2	13.14	1.24	14.32	12.26	2	-0.75	-0.59	-0.80		
800.	2	1504.5	1.1	1505.2	1503.7	2	-3.1	-2.1	-4.1	2	10.13	0.25	10.31	9.95	2	-0.93	-0.70	-1.27		
900.	2	1458.3	0.0	1498.3	1498.3	2	-1.4	-1.2	-1.6	2	8.09	0.03	8.11	8.07	2	-0.51	-0.45	-0.56		
1000.	2	1495.0	0.3	1495.2	1494.8	2	-0.9	-0.7	-1.1	2	6.93	0.08	6.99	6.77	2	-0.36	-0.32	-0.40		
1100.	2	1492.8	0.8	1493.3	1492.2	2	-0.7	-0.6	-0.8	2	5.85	0.21	5.99	5.70	2	-0.30	-0.27	-0.34		
1200.	2	1491.2	1.3	1492.1	1490.3	2	-0.4	-0.3	-0.6	2	5.68	0.11	5.30	4.86	2	-0.22	-0.18	-0.26		
1300.	2	1491.3	0.6	1491.7	1490.8	2	0.0	0.2	-0.1	2	4.68	0.16	4.79	4.57	2	-0.11	-0.07	-0.16		
1400.	2	1491.7	0.1	1491.7	1491.6	2	0.1	0.2	0.2	2	4.38	0.02	4.39	4.36	2	-0.09	-0.06	-0.12		
1500.	2	1492.3	0.2	1492.4	1492.1	2	0.2	0.2	0.1	2	4.13	0.05	4.16	4.09	2	-0.07	-0.06	-0.09		
1750.	1	1495.2	0.0	1495.2	1495.2	1	0.4	0.4	0.4	1	3.83	0.00	3.83	3.83	1	-0.03	-0.03	-0.03		
2000.	1	1498.5	0.0	1498.5	1498.5	1	0.4	0.4	0.4	1	3.61	0.00	3.61	3.61	1	-0.03	-0.03	-0.03		
2500.	1	1505.8	0.0	1505.8	1505.8	1	0.5	0.5	0.5	1	3.32	0.00	3.32	3.32	1	-0.02	-0.02	-0.02		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 114 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1520.9	2.8	1524.5	1516.9	0	0.0		0.0	0.0	3	0.00	0.00	0.00
10.	5	1521.0	2.8	1524.6	1517.0	5	0.0		0.3	-0.7	5	-0.14	0.03	-0.37
20.	5	1521.0	2.8	1524.8	1517.2	5	0.1		0.6	-0.6	5	-0.15	-0.03	-0.34
30.	5	1521.0	2.9	1525.0	1517.3	5	0.2		0.6	-0.3	5	-0.13	0.03	-0.34
50.	5	1521.2	2.9	1525.3	1517.6	5	0.2		0.5	0.5	5	-0.08	-0.02	-0.30
75.	5	1521.1	2.7	1525.3	1518.0	5	-0.0		0.5	-0.5	5	-0.18	-0.10	-0.32
100.	5	1521.1	2.4	1524.9	1518.4	5	0.0		0.8	-0.9	5	-0.24	-0.15	-0.48
125.	5	1521.0	2.1	1524.2	1518.6	5	-0.1		0.2	-0.9	5	-0.20	-0.09	-0.48
150.	5	1521.0	1.7	1523.3	1518.9	5	0.2		1.5	-1.2	5	-0.18	-0.06	-0.61
200.	5	1521.1	1.0	1522.2	1519.7	5	0.2		0.5	-0.3	5	-0.07	-0.01	-0.23
250.	5	1521.5	1.0	1523.0	1520.4	5	0.2		0.5	-0.2	5	-0.09	-0.01	-0.23
300.	5	1521.8	1.2	1523.7	1520.6	5	0.1		0.4	0.2	5	-0.09	-0.02	-0.15
400.	5	1521.5	2.0	1524.0	1519.5	4	-0.3		0.4	-0.8	4	-0.26	-0.04	-0.46
500.	5	1519.3	3.2	1523.5	1515.8	4	-1.5		-0.6	-3.0	4	-0.45	-0.35	-0.61
600.	5	1515.4	3.7	1520.0	1511.3	5	-1.4		-0.7	-3.0	5	-0.56	-0.30	-0.76
700.	5	1509.6	4.7	1514.0	1503.7	5	-2.5		-1.9	-3.0	5	-0.84	-0.68	-0.91
800.	5	1502.4	4.7	1506.1	1496.5	5	-1.9		-1.0	-3.0	5	-0.57	-0.41	-0.84
900.	5	1497.8	3.7	1501.8	1493.2	5	-1.2		-0.8	-1.6	5	-0.45	-0.27	-0.61
1000.	5	1494.7	2.7	1498.4	1491.8	5	-0.4		-0.3	-0.8	5	-0.25	-0.15	-0.36
1100.	5	1493.3	2.0	1495.9	1491.2	5	-0.4		-0.2	-0.8	5	-0.23	-0.16	-0.32
1200.	5	1492.4	1.5	1494.3	1490.9	5	0.1		0.4	-0.3	5	-0.12	-0.06	-0.18
1300.	5	1492.7	1.1	1494.1	1491.5	5	0.1		0.2	-0.2	5	-0.10	-0.07	-0.16
1400.	5	1493.2	0.8	1494.2	1492.4	4	0.2		0.5	-0.1	4	-0.09	-0.05	-0.14
1500.	5	1493.8	0.6	1494.7	1493.1	5	0.2		0.3	0.0	5	-0.07	-0.05	-0.12
1750.	5	1496.2	0.4	1496.8	1495.8	5	0.3		0.4	0.2	5	-0.05	-0.03	-0.07
2000.	5	1499.2	0.0	1499.3	1499.1	5	0.4		0.4	0.3	5	-0.03	-0.02	-0.03
2500.	5	1505.8	0.0	1505.9	1505.7	5	0.4		0.5	0.4	5	-0.02	-0.02	-0.03
3000.	5	1512.8	0.2	1513.0	1512.5	5	0.4		0.4	0.4	5	-0.02	-0.02	-0.03
4000.	5	1527.8	0.2	1528.1	1527.6	5	0.5		0.5	0.5	5	-0.01	-0.00	-0.01
5000.	5	1544.9	0.2	1545.2	1544.7	5	0.5		0.6	0.5	5	-0.00	0.00	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 114 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1532.6	2.0	1534.6	1530.5	0	0.0	0.0	0.0	4	23.34	0.77	24.11	22.51	0	0.00	0.00	0.00
10.	4	1532.9	2.2	1535.2	1530.7	4	0.9	1.8	0.3	4	23.38	0.83	24.29	22.51	4	0.14	0.55	-0.03
20.	4	1533.0	2.1	1535.2	1530.9	4	0.4	0.6	0.3	4	23.37	0.80	24.22	22.52	4	-0.05	0.03	-0.21
30.	4	1533.2	2.0	1535.3	1531.1	4	0.6	0.6	0.6	4	23.36	0.79	24.20	22.52	4	0.00	0.03	-0.03
50.	5	1533.1	1.6	1535.6	1531.4	4	-1.4	0.6	-7.1	5	23.20	0.62	24.19	22.53	4	-0.74	0.03	-3.03
75.	5	1528.2	1.1	1529.6	1526.8	5	-5.8	-3.2	-10.2	5	21.15	0.42	21.68	20.58	5	-2.42	-1.50	-3.96
100.	5	1525.3	1.5	1527.4	1523.3	5	-3.2	-1.9	-4.1	5	19.88	0.54	20.64	19.16	5	-1.38	-0.89	-1.67
125.	5	1523.9	1.4	1525.7	1521.9	5	-1.6	-1.1	-2.1	5	19.26	0.47	19.86	18.57	5	-0.76	-0.59	-0.95
150.	5	1522.8	1.3	1524.2	1520.6	5	-1.4	-1.0	-1.8	5	18.71	0.45	19.20	17.98	5	-0.67	-0.51	-0.83
200.	5	1521.7	0.9	1522.4	1520.1	5	0.6	3.0	-0.2	5	18.05	0.29	18.28	17.54	5	-0.11	-0.17	-0.23
250.	4	1522.2	0.4	1522.7	1521.8	4	0.1	0.2	0.2	4	17.95	0.12	18.10	17.82	4	-0.14	-0.13	-0.17
300.	4	1522.3	0.4	1522.8	1521.9	4	0.2	0.6	0.1	4	17.72	0.13	17.89	17.60	4	-0.04	-0.06	-0.11
400.	4	1521.8	0.8	1522.7	1520.8	4	-0.3	-0.6	-0.6	4	17.02	0.25	17.31	16.71	4	-0.35	-0.30	-0.43
500.	4	1519.0	1.3	1520.3	1517.4	4	-0.5	-0.9	-1.2	4	15.65	0.39	16.05	15.19	4	-0.46	-0.30	-0.61
600.	4	1514.6	1.6	1516.7	1512.9	4	-1.6	-1.4	-1.8	4	13.87	0.46	14.48	13.37	4	-0.60	-0.56	-0.64
700.	4	1508.0	2.3	1510.9	1505.4	4	-2.5	-1.5	-3.0	4	11.54	0.63	12.35	10.84	4	-0.83	-0.61	-0.98
800.	4	1500.9	3.1	1505.2	1498.0	4	-1.3	-1.4	-2.2	4	9.19	0.81	10.32	8.44	4	-0.61	-0.46	-0.75
900.	4	1496.2	2.1	1498.9	1493.9	4	-1.1	-1.0	-1.2	4	7.55	0.53	8.25	6.95	4	-0.42	-0.30	-0.51
1000.	4	1493.7	0.9	1494.6	1492.8	4	-0.6	-0.2	-1.0	4	6.49	0.23	6.73	6.26	4	-0.22	-0.17	-0.33
1100.	4	1492.6	0.6	1493.3	1491.9	4	-0.3	-0.3	-0.7	4	5.81	0.15	5.98	5.63	4	-0.20	-0.12	-0.29
1200.	4	1492.3	0.8	1492.9	1491.4	4	0.1	0.4	-0.1	4	5.31	0.17	5.46	5.12	4	-0.11	-0.06	-0.14
1300.	4	1492.6	0.8	1493.3	1491.5	4	0.1	0.2	0.0	4	4.99	0.17	5.14	4.74	4	-0.10	-0.06	-0.12
1400.	4	1493.1	0.8	1493.9	1491.9	4	0.1	0.2	0.1	4	4.70	0.19	4.88	4.44	4	-0.09	-0.07	-0.12
1500.	4	1493.7	0.8	1494.5	1492.7	4	0.2	0.2	0.1	4	4.44	0.17	4.64	4.23	4	-0.08	-0.06	-0.10
1750.	4	1496.1	0.5	1496.7	1495.7	4	0.4	0.5	0.3	4	4.03	0.11	4.15	3.94	4	-0.04	-0.01	-0.06
2000.	4	1499.2	0.3	1499.5	1498.9	4	0.4	0.5	0.3	4	3.76	0.06	3.82	3.69	4	-0.03	-0.01	-0.05
2500.	4	1505.5	0.2	1505.7	1505.3	4	0.4	0.4	0.4	4	3.24	0.04	3.29	3.20	4	-0.03	-0.02	-0.03
3000.	4	1512.6	0.2	1512.7	1512.2	4	0.4	0.4	0.4	4	2.88	0.05	2.92	2.81	4	-0.02	-0.02	-0.03
4000.	4	1527.5	0.2	1527.7	1527.2	4	0.5	0.6	0.5	4	2.30	0.05	2.35	2.24	4	-0.01	-0.00	-0.00
5000.	3	1544.6	0.2	1544.8	1544.5	3	0.6	0.6	0.5	3	2.15	0.04	2.19	2.12	3	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 114 FOR MONTH 1

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	3	1524.6	2.2	1526.6	1522.2	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	3	1524.9	2.3	1526.9	1522.4	3	0.8	0.7	1.0	0.7	3	0.10	0.20	0.00
20.	3	1525.1	2.3	1527.1	1522.6	3	0.4	0.3	1.0	0.3	3	-0.03	-0.09	-0.03
30.	3	1525.3	2.3	1527.2	1522.7	3	0.6	0.3	1.2	0.3	3	-0.04	-0.03	-0.09
50.	3	1525.5	2.3	1527.5	1523.0	3	0.4	0.3	0.6	0.3	3	-0.06	-0.02	-0.12
75.	3	1525.5	2.0	1526.8	1523.2	3	-1.3	0.5	-4.6	-4.6	3	-0.01	-0.01	-1.73
100.	3	1525.1	1.7	1526.8	1523.4	3	-0.7	0.4	-2.0	-2.0	3	-0.34	-0.06	-0.61
125.	3	1523.7	0.9	1524.4	1522.6	3	-1.8	-1.0	-3.4	-3.4	3	-0.85	-0.55	-1.44
150.	3	1522.0	0.3	1522.3	1521.7	3	-2.2	-1.2	-2.9	-2.9	3	-0.93	-0.61	-1.17
200.	3	1520.7	0.3	1520.9	1520.4	3	-0.3	-0.1	-0.7	-0.7	3	-0.25	-0.17	-0.38
250.	2	1520.7	0.1	1520.8	1520.6	2	0.2	0.4	0.4	0.4	2	-0.14	-0.11	-0.16

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 114 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	3	1519.2	1.2	1519.9	1517.8	0.0	0	0.0	0.0	0.0	3	18.29	0.34	18.49	17.89	0.00
10.	3	1519.3	1.2	1520.1	1518.0	0.6	3	0.4	0.6	0.6	3	18.27	0.34	18.51	17.88	-0.04
20.	3	1519.5	1.1	1520.3	1518.2	0.6	3	0.4	0.6	0.6	3	18.25	0.34	18.52	17.87	-0.05
30.	3	1519.6	1.1	1520.5	1518.4	0.6	3	0.4	0.6	0.6	3	18.24	0.34	18.53	17.86	-0.03
40.	3	1519.8	1.1	1520.8	1518.7	0.6	3	0.4	0.6	0.6	3	18.22	0.34	18.53	17.87	-0.04
50.	3	1520.2	1.0	1521.1	1519.2	0.4	3	0.5	0.6	0.4	3	18.21	0.32	18.51	17.88	-0.02
75.	3	1520.6	1.0	1521.5	1519.6	0.4	3	0.4	0.5	0.4	3	18.21	0.31	18.51	17.89	-0.02
100.	3	1521.0	1.0	1522.0	1520.0	0.5	3	0.5	0.6	0.5	3	18.21	0.31	18.51	17.89	0.00
125.	3	1521.4	1.0	1522.4	1520.4	0.5	3	0.5	0.5	0.5	3	18.21	0.32	18.52	17.89	0.01
150.	3	1522.2	1.0	1523.1	1521.2	0.4	3	0.2	0.4	0.3	3	18.19	0.31	18.49	17.88	-0.04
200.	3	1522.8	0.8	1523.5	1522.0	0.5	3	0.4	0.5	0.2	3	18.13	0.24	18.36	17.88	-0.03
250.	3	1522.8	1.0	1523.5	1521.7	0.2	3	-0.1	0.2	-0.4	3	17.87	0.32	18.08	17.51	-0.08
300.	3	1522.5	2.5	1524.4	1519.7	0.4	3	-0.3	0.4	-1.2	3	17.25	0.79	17.88	16.37	-0.31
400.	3	1521.0	4.4	1525.3	1516.5	1.0	3	-0.8	-0.6	-1.0	3	16.33	1.39	17.71	14.94	-0.20
500.	3	1516.4	3.9	1519.0	1512.0	1.9	3	-1.4	-0.9	-1.9	3	14.42	1.14	15.18	13.11	-0.43
600.	3	1510.5	3.4	1513.2	1506.7	2.0	3	-1.9	-1.7	-2.0	3	12.23	0.93	12.98	11.19	-0.59
700.	3	1504.6	2.9	1506.9	1501.3	1.3	3	-1.9	-1.6	-2.2	3	10.17	0.77	10.78	9.31	-0.42
800.	3	1499.2	2.0	1500.5	1496.9	1.3	3	-1.7	-1.3	-2.0	3	8.34	0.52	8.66	7.74	-0.66
900.	3	1495.8	1.9	1497.1	1493.6	0.6	3	-0.9	-0.6	-1.2	3	7.02	0.48	7.35	6.47	-0.37
1000.	3	1493.6	2.0	1495.2	1491.3	0.7	3	-0.7	-0.6	-0.7	3	6.06	0.51	6.47	5.49	-0.29
1100.	3	1492.5	1.4	1493.8	1491.1	0.5	3	-0.3	0.0	-0.5	3	5.39	0.33	5.70	5.05	-0.20
1200.	3	1492.5	0.9	1493.2	1491.4	0.1	3	0.1	0.1	0.0	3	4.97	0.22	5.14	4.72	-0.11
1300.	3	1492.9	0.8	1493.6	1492.0	0.2	3	0.1	0.2	0.1	3	4.66	0.20	4.84	4.44	-0.09
1400.	3	1493.4	0.8	1494.1	1492.6	0.3	3	0.2	0.2	0.1	3	4.40	0.18	4.56	4.21	-0.08
1500.	2	1495.5	0.5	1495.8	1495.1	0.3	2	0.3	0.3	0.3	2	3.88	0.12	3.96	3.79	-0.05
1750.	3	1498.5	0.4	1498.8	1498.1	0.4	3	0.4	0.4	0.4	3	3.60	0.08	3.67	3.52	-0.03
2000.	2	1506.1	0.1	1506.1	1506.0	0.4	2	0.5	0.5	0.4	2	3.38	0.02	3.39	3.36	-0.01
2500.	2	1513.2	0.2	1513.3	1513.0	0.4	2	0.4	0.4	0.4	2	3.02	0.05	3.05	2.98	-0.02
3000.	2	1513.2	0.2	1513.3	1513.0	0.4	2	0.4	0.4	0.4	2	3.02	0.05	3.05	2.98	-0.02

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 114 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE F			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1522.6	1.6	1524.8	1520.7	0	0.0	0.0	0.0	18.82	0	0.00	0.00	0.00
10.	5	1522.7	1.7	1524.9	1520.8	5	0.3	0.6	-0.3	18.81	5	-0.07	-0.03	-0.20
20.	5	1522.8	1.8	1525.1	1520.9	5	0.2	0.6	-0.6	18.79	5	-0.09	-0.03	-0.30
30.	5	1522.9	1.8	1525.2	1521.1	5	0.4	0.6	0.3	18.77	5	-0.08	-0.03	-0.24
50.	5	1523.0	1.9	1525.4	1521.0	4	-0.2	0.5	-1.2	18.62	5	-0.17	-0.02	-0.49
75.	5	1522.8	2.0	1525.5	1520.5	5	-0.2	0.1	-0.9	18.33	5	-0.26	-0.12	-0.46
100.	5	1522.6	1.9	1525.2	1520.2	5	-0.4	0.1	-2.0	18.11	5	-0.26	-0.13	-0.61
125.	5	1522.2	1.6	1524.3	1520.3	5	-0.4	0.1	-1.1	18.00	5	-0.31	-0.13	-0.59
150.	5	1522.0	1.2	1523.5	1520.4	5	-0.3	0.1	-1.0	17.90	5	-0.22	-0.12	-0.51
200.	5	1522.1	0.8	1522.8	1521.0	5	0.1	0.4	0.3	17.81	5	-0.08	-0.02	-0.13
250.	5	1522.4	0.6	1523.3	1521.7	5	0.2	0.4	-0.1	17.76	5	-0.11	-0.03	-0.18
300.	5	1523.6	0.7	1523.6	1521.9	5	0.1	0.3	0.1	17.57	5	-0.11	-0.06	-0.21
400.	5	1522.7	1.2	1523.4	1520.7	5	-0.1	0.3	-0.5	16.70	5	-0.25	-0.12	-0.46
500.	5	1519.6	1.9	1521.9	1517.5	5	-1.2	-0.5	-1.8	15.20	5	-0.46	-0.30	-0.70
600.	5	1515.7	1.6	1517.7	1513.4	5	-1.2	-0.6	-2.0	13.53	5	-0.50	-0.35	-0.71
700.	5	1510.7	2.5	1513.0	1507.3	5	-1.6	-1.0	-1.9	11.36	5	-0.60	-0.51	-0.67
800.	5	1504.6	2.9	1507.5	1500.1	5	-2.2	-1.6	-2.5	9.01	5	-0.82	-0.57	-0.82
900.	5	1498.7	2.3	1500.6	1495.1	5	-1.2	-0.6	-2.3	7.28	5	-0.73	-0.47	-0.73
1000.	5	1495.6	1.9	1497.3	1492.8	5	-0.8	-0.7	-1.3	6.43	5	-0.45	-0.29	-0.51
1100.	5	1493.8	1.4	1495.1	1491.4	5	-0.4	-0.2	-0.7	5.51	5	-0.35	-0.18	-0.30
1200.	5	1493.0	1.3	1494.0	1490.8	5	-0.1	-0.2	-0.4	5.73	5	-0.23	-0.17	-0.21
1300.	5	1493.1	1.0	1493.9	1491.4	5	0.1	0.4	-0.1	4.97	5	-0.16	-0.12	-0.21
1400.	5	1493.5	0.7	1494.3	1492.5	5	0.2	0.4	0.2	4.71	5	-0.11	-0.04	-0.12
1500.	5	1494.2	0.7	1495.1	1493.4	5	0.2	0.4	0.0	4.39	5	-0.06	-0.04	-0.11
1750.	5	1496.3	0.7	1496.9	1495.2	5	0.3	0.4	0.2	3.82	5	-0.05	-0.03	-0.07
2000.	5	1499.1	0.4	1499.4	1498.4	4	0.4	0.5	0.3	3.59	4	-0.03	-0.01	-0.04
2500.	5	1505.8	0.2	1506.1	1505.5	5	0.4	0.5	0.4	3.25	5	-0.02	-0.01	-0.03
3000.	4	1512.9	0.5	1513.3	1512.3	4	0.4	0.4	0.4	2.82	4	-0.02	-0.02	-0.03
4000.	4	1527.9	0.3	1528.2	1527.5	4	0.5	0.5	0.5	2.45	4	-0.01	-0.01	-0.01
5000.	2	1544.7	0.1	1544.7	1544.6	2	0.5	0.5	0.5	2.14	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 114 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1536.4	0.0	1536.4	1536.4	0	0.0	0.0	0.0	0.0	2	24.93	0.18	25.06
10.	2	1535.1	0.6	1535.5	1534.6	2	-4.4	-2.7	-6.1	-2.0	2	24.31	0.42	24.60
20.	2	1533.5	0.9	1534.1	1532.8	2	-4.9	-4.3	-5.5	-5.5	2	23.57	0.54	23.93
30.	2	1531.7	0.8	1532.3	1531.1	2	-5.3	-5.2	-5.5	-5.5	2	22.78	0.49	23.12
50.	2	1528.6	0.6	1529.0	1528.1	2	-4.0	-3.0	-5.0	-5.0	2	21.39	0.39	21.66
75.	2	1526.2	1.8	1527.5	1524.9	2	-2.9	-1.8	-3.9	-3.9	2	20.37	0.78	20.92
100.	2	1524.5	2.5	1526.2	1522.7	2	-0.8	-1.6	-1.6	-1.6	2	19.58	0.95	20.25
125.	2	1523.2	1.8	1524.5	1521.9	2	-1.5	-1.0	-2.1	-2.1	2	18.98	0.66	19.44
150.	2	1522.4	1.4	1523.4	1521.4	2	-0.7	-1.3	-1.3	-1.3	2	18.57	0.47	18.90
200.	2	1522.4	1.3	1523.3	1521.4	2	-0.0	-0.1	-0.1	-0.1	2	18.28	0.48	18.62
250.	2	1522.7	1.4	1523.7	1521.7	2	0.2	0.2	0.2	0.2	2	18.13	0.52	18.49
300.	2	1522.9	1.6	1524.0	1521.8	2	0.1	0.2	0.2	0.2	2	17.92	0.52	18.28
400.	2	1523.4	2.3	1525.0	1521.7	1	-0.5	-0.5	-0.5	-0.5	2	17.51	0.74	18.03
500.	2	1522.3	4.7	1525.6	1518.9	2	-0.6	0.2	-1.3	-1.3	2	16.68	1.48	17.72
600.	2	1519.5	6.6	1524.1	1514.8	2	-1.3	-1.3	-1.4	-1.4	2	15.32	1.98	16.72
700.	2	1514.6	8.1	1520.3	1508.9	1	-2.4	-2.4	-2.4	-2.4	2	13.41	2.30	15.03
800.	2	1508.8	10.0	1515.9	1501.7	1	-2.0	-2.0	-2.0	-2.0	2	11.35	2.74	13.28
900.	2	1503.8	9.5	1510.5	1497.0	2	-1.4	-0.7	-2.1	-2.1	2	9.57	2.59	11.40
1000.	2	1499.0	6.3	1503.4	1494.5	1	-0.7	-0.7	-0.7	-0.7	2	7.87	1.67	9.05
1100.	2	1495.5	3.5	1497.9	1493.0	2	-1.0	-0.4	-1.7	-1.7	2	6.55	0.91	7.19
1200.	2	1493.6	1.2	1494.4	1492.7	2	-0.1	-0.0	-0.2	-0.2	2	5.65	0.33	5.88
1300.	2	1493.3	0.6	1493.7	1492.9	2	0.0	0.1	-0.2	-0.2	2	5.19	0.19	5.32
1400.	2	1493.5	0.1	1493.5	1493.4	2	0.0	0.2	-0.1	-0.1	2	4.82	0.03	4.84
1500.	2	1494.0	0.5	1494.3	1493.6	2	0.2	0.2	0.2	0.2	2	4.53	0.06	4.57
1750.	2	1496.2	0.0	1496.2	1496.2	2	0.3	0.3	0.3	0.3	2	4.07	0.05	4.10
2000.	2	1499.1	0.3	1499.3	1498.9	2	0.4	0.4	0.4	0.4	2	3.75	0.11	3.83
2500.	2	1505.9	0.8	1506.4	1505.3	2	0.4	0.5	0.4	0.4	2	3.34	0.21	3.49
3000.	2	1512.8	0.4	1513.0	1512.5	2	0.4	0.4	0.4	0.4	2	2.94	0.12	3.02
4000.	1	1527.9	0.0	1527.9	1527.9	1	0.6	0.6	0.6	0.6	1	2.39	0.00	2.39

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 114 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	4	1537.7	1.4	1535.5	1536.1	0.0	0	0.0	0.0	0.0	4	0.00	0.52	26.17	24.92	0.00
10.	4	1536.7	0.8	1537.7	1536.0	-0.3	4	-3.0	-0.3	-7.6	4	-1.57	0.33	25.43	24.66	-3.57
20.	4	1534.9	0.7	1535.9	1534.4	-0.3	4	-6.7	-0.3	-15.2	4	-3.24	0.39	24.71	23.90	-6.96
30.	4	1533.3	0.8	1534.2	1532.5	-1.1	4	-3.8	-1.1	-5.8	4	-2.01	0.43	23.91	22.98	-2.62
50.	4	1530.8	1.4	1532.1	1529.2	-1.5	4	-3.3	-1.5	-5.0	4	-1.54	0.60	22.89	21.60	-2.19
75.	4	1528.2	2.2	1530.7	1525.3	-1.5	4	-4.0	-1.5	-5.0	4	-1.78	0.85	22.03	19.96	-2.21
100.	4	1526.3	1.8	1527.5	1523.6	-1.6	4	-2.5	-1.6	-4.1	4	-1.01	0.66	20.62	19.24	-1.77
125.	4	1525.0	1.5	1526.6	1522.9	-0.9	4	-1.5	-0.9	-2.0	4	-0.72	0.55	20.14	18.83	-0.93
150.	4	1524.1	1.4	1525.8	1522.4	-0.6	4	-0.6	-0.6	-1.3	4	-0.52	0.49	19.73	18.52	-0.66
200.	4	1523.4	1.0	1524.6	1522.2	-0.4	4	-0.4	-0.1	-1.0	4	-0.31	0.37	19.03	18.17	-0.46
250.	4	1523.3	0.8	1524.0	1522.6	0.1	4	0.1	0.2	-0.1	4	-0.15	0.27	18.56	18.06	-0.24
300.	4	1523.4	0.7	1524.2	1522.6	0.1	4	0.1	0.2	0.1	4	-0.12	0.23	18.33	17.82	-0.15
400.	4	1523.8	0.7	1524.7	1523.2	0.2	3	0.0	0.2	-0.3	4	-0.17	0.21	17.96	17.49	-0.24
500.	4	1520.7	1.1	1524.9	1522.6	-0.3	2	-0.1	-0.3	-0.3	4	-0.24	0.35	17.50	16.75	-0.29
600.	4	1515.9	2.1	1523.7	1519.4	-0.5	4	-1.2	-0.5	-1.4	4	-0.50	0.64	16.62	15.27	-0.59
700.	4	1515.9	2.4	1519.4	1514.3	-1.2	4	-1.6	-1.2	-2.1	4	-0.61	0.71	14.80	13.31	-0.77
800.	4	1509.2	2.1	1512.2	1507.8	-2.0	4	-2.2	-2.0	-2.5	4	-0.75	0.58	12.25	11.01	-0.80
900.	4	1502.9	1.7	1505.5	1501.9	-1.8	4	-1.8	-1.6	-2.1	4	-0.63	0.47	9.98	9.00	-0.69
1000.	4	1498.3	1.2	1500.0	1497.5	-0.9	4	-1.2	-0.9	-1.7	4	-0.45	0.31	8.10	7.43	-0.57
1100.	4	1495.5	0.8	1496.4	1494.7	-0.5	4	-0.7	-0.5	-0.9	4	-0.30	0.20	6.76	6.33	-0.34
1200.	4	1494.0	0.9	1494.6	1492.8	-0.4	4	-0.4	-0.1	-0.6	4	-0.22	0.22	5.92	5.45	-0.27
1300.	4	1493.5	0.7	1494.0	1492.4	0.1	4	-0.1	0.1	-0.3	4	-0.14	0.19	5.37	4.94	-0.21
1400.	4	1493.7	0.9	1494.6	1492.6	0.2	4	0.1	0.2	0.0	4	-0.10	0.21	5.10	4.60	-0.12
1500.	4	1494.2	0.9	1495.2	1493.0	0.3	4	0.2	0.3	0.1	4	-0.08	0.22	4.84	4.31	-0.09
17.	4	1496.6	0.6	1497.2	1495.9	0.4	4	0.3	0.4	0.3	4	-0.05	0.14	4.29	3.99	-0.06
2000.	4	1499.5	0.3	1499.7	1499.0	0.4	4	0.4	0.4	0.3	4	-0.03	0.07	3.88	3.72	-0.05
2500.	4	1505.9	0.4	1506.3	1505.6	0.4	4	0.4	0.4	0.4	4	-0.03	0.09	3.43	3.26	-0.03
3000.	3	1512.7	0.2	1512.9	1512.5	0.4	4	0.4	0.4	0.4	4	-0.03	0.05	2.93	2.88	-0.03
4000.	2	1527.9	0.1	1527.9	1527.8	0.5	3	0.5	0.5	0.5	3	-0.01	0.03	2.40	2.34	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 114 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1533.2	1.3	1534.9	1531.7	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	5	1533.4	1.4	1535.1	1531.8	5	0.7	1.4	0.3	0.3	6	0.10	0.24	-0.07
20.	5	1533.6	1.4	1535.3	1532.0	4	0.5	1.2	0.3	0.6	6	0.15	0.21	-0.15
30.	5	1533.7	1.5	1535.5	1532.2	4	0.4	0.9	0.6	0.6	6	-0.20	0.21	-0.98
50.	5	1533.6	2.2	1535.8	1530.6	5	-0.5	1.2	-4.3	-4.3	6	-0.54	0.23	-1.98
75.	5	1530.4	1.9	1532.1	1527.5	5	-5.6	-0.1	-10.0	-10.0	6	-2.42	-0.35	-4.05
100.	5	1527.4	2.6	1531.1	1525.1	5	-3.5	-2.8	-4.1	-4.1	6	-1.39	-0.91	-1.63
125.	5	1525.4	2.5	1528.5	1522.5	5	-2.5	-1.6	-3.2	-3.2	5	-1.10	-0.79	-1.45
150.	5	1523.9	1.9	1526.2	1521.9	5	-1.7	-0.2	-2.8	-2.8	5	-0.79	-0.28	-1.21
200.	5	1522.0	1.8	1523.6	1519.2	5	-0.5	0.2	-2.4	-2.4	5	-0.32	-0.10	-0.89
250.	3	1523.1	0.8	1523.5	1522.2	3	-0.0	-0.1	-0.1	-0.1	3	-0.17	-0.13	-0.21
300.	3	1523.2	0.8	1523.7	1522.3	3	0.1	0.3	0.1	0.1	3	-0.13	-0.07	-0.16
400.	3	1523.2	1.8	1524.5	1521.2	3	0.0	0.5	-0.4	-0.4	3	-0.13	-0.10	-0.29
500.	3	1522.1	3.2	1524.5	1518.5	3	-0.8	-0.4	-1.1	-1.1	3	-0.40	-0.33	-0.50
600.	3	1518.7	4.1	1521.8	1514.0	3	-1.2	-0.6	-1.9	-1.9	3	-0.54	-0.43	-0.69
700.	3	1513.9	5.0	1517.3	1508.1	3	-1.6	-1.4	-1.8	-1.8	3	-0.61	-0.58	-0.65
800.	3	1508.1	4.6	1510.8	1502.8	3	-1.9	-1.5	-2.7	-2.7	3	-0.63	-0.55	-0.87
900.	3	1501.9	3.3	1504.9	1498.4	3	-1.8	-1.2	-2.6	-2.6	3	-0.63	-0.43	-0.80
1000.	3	1497.3	2.3	1499.8	1495.3	3	-0.8	-0.8	-0.9	-0.9	3	-0.37	-0.36	-0.39
1100.	3	1495.1	2.0	1497.3	1493.5	3	-0.5	-0.1	-0.8	-0.8	3	-0.26	-0.15	-0.33
1200.	3	1494.0	1.5	1495.7	1493.0	3	-0.1	-0.1	-0.3	-0.3	3	-0.16	-0.13	-0.19
1300.	3	1493.8	1.0	1495.0	1493.2	3	-0.0	0.1	-0.2	-0.2	3	-0.14	-0.11	-0.19
1400.	3	1494.0	0.8	1494.9	1493.6	3	0.1	0.1	0.1	0.1	3	-0.09	-0.08	-0.13
1500.	3	1494.5	0.7	1495.3	1494.1	3	0.1	0.2	0.1	0.1	3	-0.08	-0.07	-0.09
1750.	3	1496.6	0.5	1497.1	1496.2	3	0.3	0.3	0.3	0.3	3	-0.05	-0.05	-0.06
2000.	3	1499.5	0.4	1499.8	1499.1	3	0.4	0.4	0.3	0.3	3	-0.04	-0.03	-0.04
2500.	3	1505.9	0.3	1506.1	1505.5	3	0.5	0.6	0.4	0.4	3	-0.02	-0.02	-0.03
3000.	3	1512.8	0.1	1512.9	1512.7	3	0.4	0.5	0.4	0.4	3	-0.02	-0.02	-0.03
4000.	3	1527.8	0.1	1527.9	1527.8	3	0.5	0.5	0.5	0.5	3	-0.01	-0.00	-0.01
5000.	3	1544.9	0.2	1545.1	1544.7	3	0.5	0.5	0.5	0.5	3	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 114 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1527.1	0.0	1527.1	1527.1	0	0.0	0.0	0.0	1	21.04	0.00	21.04	21.04	0	0.00	0.00	0.00
10.	1	1527.2	0.0	1527.2	1527.2	1	0.3	0.3	0.3	1	21.04	0.00	21.04	21.04	1	0.00	0.00	0.00
20.	1	1527.4	0.0	1527.4	1527.4	1	0.6	0.6	0.6	1	21.04	0.00	21.04	21.04	1	0.00	0.00	0.00
30.	1	1527.6	0.0	1527.6	1527.6	1	0.6	0.6	0.6	1	21.05	0.00	21.05	21.05	1	0.03	0.03	0.03
50.	1	1527.9	0.0	1527.9	1527.9	1	0.0	0.0	0.0	1	21.05	0.00	21.05	21.05	1	0.00	0.00	0.00
75.	1	1528.4	0.0	1528.4	1528.4	1	0.6	0.6	0.6	1	21.07	0.00	21.07	21.07	1	0.02	0.02	0.02
100.	1	1528.4	0.0	1528.4	1528.4	1	-6.1	-6.1	-6.1	1	20.95	0.00	20.95	20.95	1	-1.98	-1.98	-1.98
125.	1	1525.0	0.0	1525.0	1525.0	1	-4.1	-4.1	-4.1	1	19.59	0.00	19.59	19.59	1	-1.66	-1.66	-1.66
150.	1	1522.8	0.0	1522.8	1522.8	1	0.0	0.0	0.0	1	18.70	0.00	18.70	18.70	1	-0.46	-0.46	-0.46
200.	1	1521.9	0.0	1521.9	1521.9	1	0.0	0.0	0.0	1	18.13	0.00	18.13	18.13	1	-0.10	-0.10	-0.10
250.	1	1521.9	0.0	1521.9	1521.9	1	0.0	0.0	0.0	1	17.86	0.00	17.86	17.86	1	-0.16	-0.16	-0.16
300.	1	1521.8	0.0	1521.8	1521.8	1	0.0	0.0	0.0	1	17.55	0.00	17.55	17.55	1	-0.18	-0.18	-0.18
400.	1	1521.1	0.0	1521.1	1521.1	1	-0.5	-0.5	-0.5	1	16.80	0.00	16.80	16.80	1	-0.25	-0.25	-0.25
500.	1	1519.0	0.0	1519.0	1519.0	1	-1.1	-1.1	-1.1	1	15.65	0.00	15.65	15.65	1	-0.50	-0.50	-0.50
600.	1	1514.6	0.0	1514.6	1514.6	1	-1.5	-1.5	-1.5	1	13.87	0.00	13.87	13.87	1	-0.56	-0.56	-0.56
700.	1	1509.1	0.0	1509.1	1509.1	1	-2.3	-2.3	-2.3	1	11.85	0.00	11.85	11.85	1	-0.76	-0.76	-0.76
800.	1	1502.9	0.0	1502.9	1502.9	1	-1.4	-1.4	-1.4	1	9.73	0.00	9.73	9.73	1	-0.44	-0.44	-0.44
900.	1	1497.5	0.0	1497.5	1497.5	1	-2.7	-2.7	-2.7	1	7.89	0.00	7.89	7.89	1	-0.82	-0.82	-0.82
1000.	1	1491.1	0.0	1491.1	1491.1	1	0.3	0.3	0.3	1	5.84	0.00	5.84	5.84	1	-0.06	-0.06	-0.06
1100.	1	1491.8	0.0	1491.8	1491.8	1	0.2	0.2	0.2	1	5.61	0.00	5.61	5.61	1	-0.07	-0.07	-0.07
1200.	1	1492.5	0.0	1492.5	1492.5	0	0.0	0.0	0.0	1	5.37	0.00	5.37	5.37	0	0.00	0.00	0.00
1300.	1	1493.1	0.0	1493.1	1493.1	1	0.2	0.2	0.2	1	5.11	0.00	5.11	5.11	1	-0.08	-0.08	-0.08
1400.	1	1493.7	0.0	1493.7	1493.7	1	0.2	0.2	0.2	1	4.84	0.00	4.84	4.84	1	-0.10	-0.10	-0.10
1500.	1	1494.1	0.0	1494.1	1494.1	1	0.1	0.1	0.1	1	4.54	0.00	4.54	4.54	1	-0.09	-0.09	-0.09
1750.	1	1495.7	0.0	1495.7	1495.7	1	0.2	0.2	0.2	1	3.93	0.00	3.93	3.93	1	-0.07	-0.07	-0.07

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 114 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN
0.	19	1515.3	7.4	1519.8	1486.4	0.0	0	0.0	0.0	0.0	19	17.12	2.05	18.54	9.21	0.00
10.	19	1515.5	7.3	1519.9	1486.8	0.3	19	0.5	1.4	0.3	19	17.12	2.04	18.53	9.25	-0.17
20.	19	1515.7	7.2	1520.0	1487.6	0.3	19	0.6	2.4	0.3	19	17.13	2.02	18.51	9.39	-0.18
30.	19	1515.9	7.0	1520.1	1488.8	0.6	19	0.6	3.7	-0.6	19	17.13	1.97	18.48	9.63	-0.27
50.	19	1516.4	6.1	1520.2	1493.6	0.9	19	0.9	12.2	-0.5	19	17.17	1.76	18.36	10.72	-0.30
75.	19	1517.0	4.9	1520.6	1500.7	0.8	19	0.8	8.7	-1.3	19	17.22	1.66	18.36	12.42	-0.51
100.	19	1517.2	4.9	1521.0	1501.6	0.8	19	-0.1	0.8	-3.0	19	17.17	1.47	18.36	12.52	-0.91
125.	19	1517.3	5.2	1520.9	1500.8	0.8	19	0.1	0.6	-2.3	19	17.05	1.55	18.20	12.16	-0.85
150.	19	1517.5	5.4	1520.9	1500.7	1.0	19	0.3	1.0	-1.5	19	16.98	1.60	18.04	12.04	-0.61
200.	19	1518.0	5.6	1520.9	1501.2	0.8	19	0.2	0.8	-3.0	19	16.89	1.65	17.77	11.96	-0.91
250.	19	1518.3	6.2	1521.4	1501.1	0.6	19	0.2	0.6	-2.2	19	16.74	1.82	17.66	11.72	-0.79
300.	19	1518.5	7.0	1522.1	1500.1	0.5	19	-0.2	0.5	-3.0	19	16.56	2.06	17.61	11.20	-1.02
400.	19	1517.6	9.4	1523.6	1494.2	0.5	17	-0.4	0.5	-2.3	19	15.81	2.70	17.58	9.19	-0.80
500.	19	1515.0	11.3	1525.2	1488.7	0.5	19	-1.1	0.5	-3.0	19	14.59	3.15	17.58	7.35	-1.07
600.	19	1510.3	11.9	1524.1	1483.5	0.5	19	-1.6	-0.4	-5.1	19	12.76	3.23	16.73	5.66	-1.59
700.	19	1504.6	11.1	1519.7	1482.5	0.7	19	-1.8	1.0	-3.9	19	10.72	2.95	14.90	5.01	-1.22
800.	19	1499.0	9.0	1514.1	1483.6	0.6	19	-1.7	-0.2	-4.6	19	8.76	2.32	12.80	4.85	-1.07
900.	19	1494.4	6.4	1509.8	1484.1	0.3	18	-1.3	0.3	-3.4	19	7.12	1.63	11.14	4.57	-1.06
1000.	19	1491.4	3.9	1500.5	1485.2	0.3	18	-0.7	0.3	-2.8	19	5.96	0.98	8.27	4.43	-0.88
1100.	19	1490.6	2.6	1495.6	1486.1	0.3	19	-0.2	0.3	-1.5	19	5.34	0.62	6.57	4.25	-0.51
1200.	19	1490.5	1.9	1494.3	1487.1	0.6	19	0.0	0.6	-0.9	19	4.90	0.45	5.80	4.10	-0.36
1300.	19	1491.0	1.4	1493.9	1488.3	0.8	19	0.2	0.4	-0.2	19	4.61	0.34	5.32	3.99	-0.18
1400.	19	1491.7	1.0	1493.6	1489.7	0.8	19	0.3	0.8	-0.1	19	4.40	0.24	4.84	3.91	-0.15
1500.	19	1492.7	0.8	1493.7	1491.0	0.5	19	0.3	0.5	0.0	19	4.22	0.19	4.47	3.83	-0.11
1750.	19	1495.6	0.5	1496.4	1494.5	0.5	19	0.4	0.5	0.2	19	3.92	0.12	4.09	3.66	-0.06
2000.	19	1499.0	0.3	1499.4	1498.1	0.5	19	0.4	0.5	0.4	19	3.71	0.09	3.82	3.50	-0.03
2500.	19	1506.1	0.3	1506.6	1505.2	0.8	18	0.4	0.8	0.3	19	3.37	0.09	3.50	3.17	-0.03
3000.	18	1513.1	0.2	1513.6	1512.5	0.3	18	0.4	1.0	0.3	19	3.00	0.07	3.13	2.85	-0.02
4000.	15	1527.9	0.0	1528.3	1527.7	0.5	14	0.5	0.5	0.5	15	2.38	0.04	2.47	2.34	-0.01
5000.	14	1545.1	0.1	1545.5	1544.9	0.6	14	0.5	0.6	0.5	14	2.26	0.05	2.35	2.20	-0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 114 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	ND	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1521.3	2.0	1524.2	1519.9	0	0.0	0.0	0.0	4	19.12	0.73	20.21	18.63	0	0.00	0.00	0.00
10.	4	1520.8	2.4	1524.3	1519.4	4	-1.6	0.3	-2.7	4	18.86	0.87	20.16	18.38	4	-0.79	-0.15	-1.16
20.	4	1520.3	2.7	1524.3	1518.9	4	-1.3	-1.2	-2.1	4	18.67	0.96	20.11	18.15	4	-0.58	-0.15	-0.85
30.	4	1520.0	2.3	1523.5	1518.6	4	-1.2	0.8	-4.9	4	18.50	0.85	19.77	18.03	4	-0.59	-0.05	-1.89
50.	4	1519.5	1.1	1521.1	1518.7	4	-0.8	0.3	-3.7	4	18.20	0.40	18.78	17.90	4	-0.39	-0.05	-1.51
75.	4	1519.4	0.3	1519.8	1519.1	4	-0.3	1.5	-1.5	4	18.01	0.13	18.17	17.88	4	-0.32	-0.09	-0.72
100.	4	1519.2	0.2	1519.5	1518.9	4	-0.3	-1.1	-1.1	4	17.80	0.07	17.88	17.72	4	-0.26	-0.15	-0.54
125.	4	1519.7	0.2	1519.6	1519.3	4	0.3	0.7	0.1	4	17.72	0.04	17.77	17.67	4	-0.08	0.03	-0.13
150.	4	1519.4	0.2	1519.9	1519.5	4	0.4	0.8	0.2	4	17.67	0.05	17.73	17.61	4	-0.03	0.03	-0.08
200.	4	1520.2	0.2	1520.3	1520.0	4	0.2	0.5	0.1	4	17.56	0.05	17.62	17.50	4	-0.07	-0.03	-0.15
250.	4	1520.6	0.5	1521.1	1520.0	4	0.3	0.5	0.2	4	17.44	0.15	17.59	17.24	4	-0.07	-0.01	-0.16
300.	4	1521.0	1.0	1521.9	1519.7	4	0.2	0.5	-0.2	4	17.29	0.30	17.57	16.90	4	-0.09	-0.01	-0.21
400.	4	1520.9	2.1	1523.1	1518.4	4	-0.3	-0.2	-0.7	4	16.75	0.64	17.44	16.00	4	-0.26	-0.15	-0.38
500.	4	1518.8	3.1	1522.1	1515.3	4	-0.6	-0.3	-1.0	4	15.64	0.92	16.64	14.58	4	-0.34	-0.24	-0.44
600.	4	1515.9	4.1	1519.5	1510.8	4	-1.0	-0.5	-1.4	4	14.27	1.19	15.33	12.80	4	-0.44	-0.30	-0.54
700.	4	1511.1	5.6	1515.4	1503.3	4	-1.5	-1.0	-2.3	4	12.42	1.57	13.63	10.26	4	-0.56	-0.46	-0.78
800.	4	1503.6	5.3	1508.5	1496.9	4	-2.3	-2.0	-2.7	4	10.21	1.40	11.24	8.19	4	-0.77	-0.63	-0.89
900.	4	1498.3	3.9	1500.9	1492.6	4	-1.9	-1.3	-2.4	4	8.11	0.99	8.77	6.67	4	-0.64	-0.46	-0.77
1000.	4	1493.7	2.5	1495.3	1489.8	4	-1.1	-0.6	-1.8	4	6.53	0.65	6.92	5.55	4	-0.41	-0.24	-0.58
1100.	4	1491.2	1.6	1492.2	1488.8	4	-0.8	-0.3	-1.1	4	5.49	0.39	5.75	4.91	4	-0.32	-0.20	-0.39
1200.	4	1490.7	1.4	1491.8	1488.7	4	0.2	0.5	0.1	4	4.97	0.33	5.23	4.49	4	-0.10	-0.05	-0.13
1300.	4	1491.2	1.0	1492.2	1489.8	4	0.2	0.3	0.1	4	4.69	0.24	4.92	4.36	4	-0.09	-0.04	-0.11
1400.	4	1491.9	0.7	1492.6	1491.0	4	0.2	0.4	0.1	4	4.45	0.16	4.62	4.23	4	-0.06	-0.04	-0.09
1500.	4	1492.8	0.5	1493.2	1492.0	4	0.3	0.3	0.2	4	4.25	0.12	4.36	4.08	4	-0.06	-0.05	-0.08
1750.	4	1493.8	0.4	1494.2	1493.2	0	0.0	0.0	0.0	4	3.97	0.10	4.07	3.84	4	-0.03	-0.02	-0.04
2000.	4	1499.1	0.3	1499.4	1498.7	4	0.4	0.4	0.4	4	3.76	0.07	3.82	3.66	4	-0.02	-0.02	-0.03
2500.	4	1504.4	0.3	1506.5	1503.9	4	0.4	0.4	0.3	4	3.46	0.07	3.49	3.35	4	-0.02	-0.02	-0.03
3000.	3	1513.6	0.0	1513.6	1513.6	3	0.4	0.4	0.4	3	3.13	0.01	3.14	3.12	3	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 114 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1526.9	3.2	1531.4	1521.9	0	0.0	0.0	0.0	12	21.28	1.14	22.95	19.53	0	0.00	0.00	0.00
10.	12	1526.0	3.4	1530.8	1520.7	12	-3.0	0.6	-7.1	12	20.88	1.20	22.66	19.04	12	-1.35	-0.06	-2.78
20.	13	1525.3	3.6	1530.2	1518.8	13	-3.8	-0.3	-10.7	13	20.55	1.33	22.34	18.41	13	-1.59	-0.24	-4.34
30.	13	1524.0	4.2	1529.6	1516.6	11	-3.7	-0.9	-6.4	13	20.02	1.41	22.03	17.62	11	-1.56	-0.49	-2.41
40.	13	1521.7	5.0	1528.5	1512.8	13	-3.7	-1.1	-6.1	13	19.05	1.64	21.44	16.20	13	-1.42	-0.58	-2.16
50.	13	1519.2	5.9	1527.1	1508.6	13	-2.6	-1.0	-5.1	13	18.06	1.89	20.75	14.75	13	-1.10	-0.30	-1.82
100.	13	1517.5	6.7	1525.8	1505.4	12	-1.7	-1.4	-3.9	13	17.35	2.10	20.10	13.65	13	-0.68	-0.06	-1.34
125.	13	1516.7	6.9	1524.4	1505.1	13	-0.9	0.2	-2.7	13	16.96	2.13	19.44	13.41	13	-0.47	-0.07	-0.93
150.	13	1516.1	7.2	1523.3	1504.7	13	-0.8	0.4	-2.3	13	16.67	2.19	18.90	13.17	13	-0.41	-0.07	-0.80
200.	13	1515.1	7.9	1522.1	1503.4	13	-0.3	0.6	-1.8	13	16.66	2.39	18.19	12.59	13	-0.21	-0.03	-0.67
250.	13	1514.6	8.7	1522.5	1501.4	13	-0.3	0.4	-1.5	13	15.68	2.59	18.05	11.78	13	-0.24	-0.03	-0.59
300.	13	1514.0	9.6	1523.1	1499.0	13	-0.6	0.5	-3.0	13	15.25	2.82	17.99	10.91	13	-0.29	-0.08	-0.85
400.	13	1511.1	11.8	1523.3	1493.3	13	-1.2	0.3	-2.8	13	13.96	3.35	17.50	8.96	13	-0.51	-0.09	-0.91
500.	13	1506.8	13.3	1521.5	1487.1	12	-1.3	-0.5	-1.8	13	12.28	3.66	16.42	6.97	13	-0.50	-0.33	-0.65
600.	13	1502.4	13.2	1511.9	1484.4	12	-1.3	-0.6	-2.4	13	10.61	3.51	14.84	5.86	13	-0.50	-0.18	-0.77
700.	13	1498.3	11.9	1513.3	1483.9	12	-1.3	-0.3	-2.7	13	9.03	3.09	13.04	5.34	13	-0.51	-0.12	-0.93
800.	13	1494.4	9.6	1509.7	1483.9	12	-1.1	0.1	-2.6	13	7.59	2.46	11.59	4.93	12	-0.42	-0.09	-0.63
900.	8	1493.5	6.1	1503.9	1485.2	8	-1.8	0.1	-6.1	8	6.90	1.54	9.57	4.81	8	-0.59	-0.10	-1.68
1000.	6	1492.3	3.6	1499.2	1488.4	6	-0.8	-0.2	-1.7	6	6.24	0.94	7.92	5.23	6	-0.34	-0.18	-0.55
1100.	6	1490.7	2.8	1495.8	1488.2	6	-0.3	1.0	-1.1	6	5.37	0.70	6.63	4.76	6	-0.22	-0.14	-0.39
1200.	6	1490.2	2.3	1494.0	1487.6	6	0.1	0.5	-0.2	6	4.84	0.55	5.76	4.24	6	-0.10	-0.02	-0.17
1300.	6	1490.8	1.8	1494.0	1488.9	6	0.2	0.4	-0.1	6	4.57	0.43	5.35	4.15	6	-0.08	-0.02	-0.14
1400.	6	1491.6	1.4	1494.1	1486.3	4	0.3	0.4	0.3	6	4.37	0.33	4.98	4.07	6	-0.07	-0.02	-0.16
1500.	5	1492.6	1.1	1494.4	1491.7	4	0.3	0.4	0.1	5	4.23	0.26	4.65	4.00	5	0.01	0.23	-0.10
1750.	5	1493.6	0.6	1496.6	1495.1	5	0.4	0.5	0.3	5	3.92	0.13	4.15	3.80	5	-0.04	-0.01	-0.05
2000.	4	1498.9	0.4	1499.4	1498.5	4	0.4	0.5	0.4	4	3.69	0.10	3.82	3.60	4	-0.03	-0.01	-0.04
2500.	1	1506.5	0.0	1506.5	1506.5	1	0.4	0.4	0.4	1	3.46	0.00	3.46	3.46	1	-0.02	-0.02	-0.02
3000.	1	1513.3	0.0	1513.3	1513.3	1	0.4	0.4	0.4	1	3.06	0.00	3.06	3.06	1	-0.02	-0.02	-0.02
4000.	1	1527.9	0.0	1527.9	1527.9	1	0.0	0.0	0.0	1	2.39	0.00	2.39	2.39	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 114 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1534.0	6.8	1544.7	1525.7	0	0.0	0.0	0.0	5	24.36	2.63	28.66	21.46	0	0.00	0.00	0.00
10.	5	1532.5	6.1	1539.8	1523.0	5	-5.0	0.3	-14.9	5	23.62	2.18	26.36	20.29	5	-2.41	-0.03	-7.01
20.	5	1531.0	6.2	1535.1	1520.2	5	-4.7	1.0	-14.3	5	22.89	2.13	24.30	19.16	5	-2.17	0.20	-6.25
30.	5	1529.4	6.6	1533.8	1518.0	5	-4.8	-1.2	-13.2	5	22.18	2.29	23.75	18.21	5	-2.20	-0.72	-5.64
50.	5	1525.0	6.5	1531.3	1514.9	5	-3.6	3.0	-9.1	5	20.29	2.28	22.60	16.91	5	-1.69	-0.93	-3.35
75.	5	1522.9	5.7	1528.7	1515.5	5	-1.2	0.7	-3.0	5	19.31	2.01	21.40	16.84	5	-0.62	-0.09	-1.22
100.	5	1521.9	5.2	1527.2	1514.8	5	-1.6	-0.7	-3.0	5	18.76	1.77	20.61	16.42	5	-0.76	-0.23	-1.11
125.	5	1520.6	5.3	1525.2	1512.4	5	-1.6	-0.2	-2.9	5	18.19	1.73	19.79	15.58	5	-0.70	-0.22	-1.32
150.	5	1519.4	5.6	1523.7	1510.2	5	-1.2	-0.2	-3.0	5	17.67	1.77	19.58	14.80	5	-0.54	-0.15	-0.99
200.	5	1517.7	6.5	1523.6	1506.8	5	-0.7	0.6	-3.4	5	16.68	1.99	18.74	13.57	5	-0.39	-0.06	-1.14
250.	5	1516.7	6.8	1523.6	1506.5	5	-0.6	0.3	-2.6	5	16.28	2.04	18.45	13.25	5	-0.36	-0.08	-1.03
300.	5	1515.3	7.8	1523.6	1504.3	5	-1.2	-0.8	-2.7	5	15.62	2.32	18.15	12.37	5	-0.49	-0.18	-0.95
400.	5	1512.1	10.7	1522.5	1496.3	5	-0.6	0.5	-1.7	5	14.22	3.08	17.25	9.74	5	-0.34	-0.33	-0.58
500.	5	1508.6	12.4	1521.9	1491.0	4	-1.3	-0.8	-1.7	5	12.75	3.46	16.54	7.95	5	-0.53	-0.40	-0.70
600.	5	1503.7	12.5	1516.8	1486.9	5	-1.4	-1.1	-2.0	5	10.95	3.39	14.53	6.48	5	-0.60	-0.40	-0.91
700.	5	1498.4	11.5	1511.2	1484.4	5	-1.4	-0.3	-2.0	5	9.66	3.02	12.46	5.46	5	-0.51	-0.22	-0.73
800.	5	1494.4	9.8	1506.2	1483.8	5	-0.9	-1.2	-1.7	5	7.59	2.51	10.63	4.91	5	-0.38	-0.12	-0.59
900.	5	1491.6	6.9	1500.1	1483.9	5	-0.8	0.0	-2.1	5	6.45	1.72	8.58	4.52	5	-0.33	-0.11	-0.67
1000.	5	1490.0	4.2	1494.9	1485.0	4	-0.6	-0.1	-1.4	5	5.61	1.01	6.82	4.41	5	-0.22	0.05	-0.41
1100.	5	1489.0	2.9	1492.9	1485.2	5	0.2	0.1	-1.5	5	4.97	0.69	5.90	4.07	5	-0.17	-0.36	-0.33
1200.	5	1489.2	2.0	1492.0	1486.7	5	0.2	0.9	0.1	5	4.59	0.47	5.27	4.01	5	-0.08	0.36	-0.15
1300.	5	1490.0	1.2	1491.8	1488.8	5	0.2	0.4	-0.1	5	4.40	0.30	4.84	4.10	5	-0.07	-0.34	-0.13
1400.	5	1491.0	0.9	1492.3	1489.9	5	0.4	0.6	0.2	5	4.23	0.22	4.55	3.98	5	-0.05	-0.02	-0.37
1500.	4	1492.3	0.9	1493.2	1491.2	4	0.4	0.5	0.3	4	4.13	0.20	4.35	3.89	4	-0.04	-0.32	-0.36
1750.	4	1495.3	0.7	1495.9	1494.4	4	0.4	0.4	0.3	4	3.85	0.16	3.99	3.65	4	-0.03	-0.33	-0.44
2000.	3	1498.7	0.7	1499.2	1497.9	3	0.4	0.4	0.4	3	3.66	0.16	3.77	3.47	3	-0.02	-0.31	-0.51
2500.	3	1505.9	0.6	1506.4	1505.3	3	0.4	0.4	0.4	3	3.34	0.14	3.46	3.19	3	-0.02	-0.31	-0.51
3000.	3	1512.9	0.6	1513.3	1512.2	3	0.4	0.5	0.4	3	2.96	0.14	3.05	2.80	3	-0.02	-0.32	-0.53
4000.	2	1527.9	0.1	1527.9	1527.8	2	0.5	0.5	0.5	2	2.38	0.01	2.39	2.37	2	-0.01	-0.30	-0.51

SUMMARY FOR QUADRANT 3 OF MAXSDEN SQUAPE 114 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1533.7	5.0	1539.0	1526.0	6	24.35	1.66	26.11	21.85	0	0.00	0.00	0.00
10.	6	1533.3	5.0	1539.0	1524.9	6	24.08	1.67	26.11	21.35	6	-0.83	-0.03	-2.77
20.	6	1533.4	4.5	1538.9	1526.0	6	23.96	1.53	26.01	21.52	6	-0.77	1.71	-2.65
30.	6	1531.1	7.4	1537.2	1517.2	6	22.97	2.54	25.19	18.26	6	-3.67	-0.03	-2.94
50.	6	1524.4	9.0	1531.5	1508.1	6	20.23	2.90	22.68	15.08	6	-4.19	-2.30	-6.54
75.	6	1518.7	10.1	1527.0	1500.9	6	18.05	3.09	20.67	12.73	6	-1.59	-0.91	-2.59
100.	6	1516.7	9.3	1524.2	1499.9	6	17.17	2.75	19.54	12.29	6	-0.42	1.52	-1.56
125.	6	1516.8	7.4	1522.9	1504.1	6	17.01	2.23	18.94	13.27	6	-0.17	1.19	-0.79
150.	4	1517.9	7.8	1522.3	1506.3	4	17.23	2.33	18.53	13.74	4	-0.28	-0.15	-0.41
200.	4	1517.6	7.6	1522.1	1506.3	3	16.83	2.30	18.22	13.42	4	-0.18	-0.10	-0.41
250.	4	1517.0	8.2	1522.4	1505.0	4	16.41	2.46	18.07	12.82	4	-0.24	-0.10	-0.51
300.	4	1516.1	9.2	1522.8	1503.4	4	15.89	2.71	17.49	12.12	4	-0.51	-0.99	-1.04
400.	4	1512.9	13.4	1523.9	1495.5	4	14.50	3.86	17.70	9.55	4	-0.27	-0.13	-0.55
500.	4	1510.8	14.8	1524.0	1491.1	4	13.44	4.14	17.19	7.97	4	-0.37	-0.16	-0.63
600.	4	1507.4	15.2	1523.6	1487.9	4	11.92	4.18	16.56	6.74	4	-0.62	-0.37	-0.63
700.	4	1502.4	13.9	1518.6	1485.4	4	10.15	3.71	14.55	5.72	4	-0.56	-0.31	-0.76
800.	4	1498.2	12.3	1513.8	1484.4	4	8.59	3.20	12.71	5.05	4	-0.45	-0.16	-0.66
900.	4	1494.9	10.7	1509.5	1484.3	3	7.28	2.72	11.05	4.64	4	0.35	2.62	-0.57
1000.	4	1492.6	9.0	1505.5	1485.0	4	6.29	2.25	9.54	4.42	4	-0.24	-0.04	-0.45
1100.	4	1491.5	7.2	1502.0	1486.1	4	5.59	1.77	8.16	4.28	4	-0.20	-0.04	-0.42
1200.	4	1490.9	5.5	1498.9	1487.2	4	5.03	1.33	6.96	4.13	4	-0.16	-0.05	-0.37
1300.	4	1490.8	4.1	1496.5	1487.6	4	4.59	0.95	5.94	3.86	4	-0.11	-0.05	-0.31
1400.	4	1491.2	2.6	1494.8	1489.2	4	4.29	0.59	5.11	3.86	4	-0.09	-0.03	-0.25
1500.	4	1492.1	1.6	1494.3	1490.9	4	4.11	0.36	5.60	3.82	4	-0.03	-0.00	-0.07
1750.	4	1495.4	0.7	1496.3	1494.7	4	3.88	0.15	4.07	3.72	4	-0.03	-0.01	-0.06
2000.	3	1498.5	0.5	1499.0	1498.0	3	3.65	0.09	3.71	3.51	4	-0.02	-0.01	-0.02
2500.	3	1505.9	0.6	1506.3	1505.2	1	3.55	0.12	3.44	3.20	3	-0.02	-0.01	-0.02
3000.	3	1513.1	0.5	1513.6	1512.6	3	3.02	0.09	3.12	2.90	4	-0.03	-0.02	-0.04
4000.	2	1527.9	0.1	1527.9	1527.8	2	2.38	0.03	2.41	2.35	3	-0.01	-0.00	-0.01
5000.	1	1545.3	0.0	1545.3	1545.3	1	2.29	0.00	2.29	2.29	1	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 114 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	4	1538.7	1.7	1540.6	1536.7	0	0.0	0.0	0.0	5	25.33	1.71	26.81	22.46	0	0.00	0.00	0.00
10-	4	1538.3	1.7	1540.4	1536.3	4	-1.4	0.3	-3.7	5	25.23	1.41	26.65	22.93	5	-0.40	1.43	-1.90
20-	4	1537.8	1.6	1540.2	1535.8	4	-1.7	-0.6	-4.0	5	25.03	1.19	26.47	23.27	5	-0.59	1.04	-1.93
30-	4	1537.1	2.3	1540.0	1535.0	4	-2.2	-0.6	-4.6	5	24.78	1.08	26.29	23.48	5	-0.77	0.64	-2.07
50-	4	1535.1	3.0	1538.9	1532.3	4	-6.2	-2.1	-10.7	5	24.02	1.10	25.65	22.96	5	-2.18	-0.24	-4.72
75-	4	1529.7	2.4	1532.2	1526.7	4	-6.7	-4.9	-9.6	5	21.97	0.94	22.84	20.63	5	-2.50	-0.63	-4.13
100-	4	1525.6	2.5	1528.8	1522.6	4	-1.3	-0.4	-4.1	5	20.30	0.99	21.36	18.97	5	-1.13	-0.46	-1.87
125-	4	1524.4	2.2	1527.2	1521.9	4	-1.4	-0.8	-2.0	4	19.48	0.76	20.45	18.59	4	-0.68	-0.46	-0.93
150-	4	1523.5	1.9	1525.8	1521.3	4	-1.2	-0.7	-1.7	4	18.99	0.65	19.80	18.25	4	-0.60	-0.41	-0.79
200-	4	1522.1	1.5	1523.9	1520.4	4	-0.4	-0.3	-1.2	4	18.24	0.52	18.83	17.65	4	-0.35	-0.20	-0.59
250-	4	1521.9	1.7	1523.8	1519.8	3	-0.2	-0.1	-0.4	4	17.88	0.57	18.54	17.21	4	-0.22	-0.18	-0.27
300-	4	1521.6	1.9	1523.8	1519.4	4	-0.1	-0.2	-0.2	4	17.52	0.63	18.25	16.79	4	-0.19	-0.15	-0.24
400-	4	1520.8	2.5	1523.7	1518.1	4	-0.4	-0.0	-0.0	4	16.74	0.79	17.66	15.88	4	-0.29	-0.18	-0.44
500-	4	1519.0	3.6	1523.3	1514.9	4	-0.7	-0.1	-1.5	4	15.71	1.11	17.01	14.46	4	-0.33	-0.20	-0.46
600-	4	1516.2	4.1	1521.1	1511.3	3	-1.1	-0.6	-1.9	4	14.37	1.19	15.81	12.95	3	-0.49	-0.32	-0.69
700-	4	1511.7	4.4	1516.8	1506.0	4	-1.4	-0.8	-1.8	4	12.60	1.24	14.06	11.04	4	-0.55	-0.38	-0.67
800-	4	1506.2	4.0	1511.5	1501.8	4	-1.0	-1.6	-2.2	4	10.63	1.08	12.07	9.46	4	-0.67	-0.61	-0.71
900-	4	1500.3	3.0	1503.9	1496.6	4	-1.3	-0.8	-2.1	4	8.64	0.80	9.59	7.67	4	-0.47	-0.36	-0.76
1000-	4	1495.3	1.4	1496.8	1493.9	3	-1.3	-0.1	-3.0	4	6.94	0.36	7.33	6.58	4	-0.50	-0.17	-0.83
1100-	4	1492.9	1.0	1494.1	1492.0	4	-0.3	0.1	-0.8	4	5.90	0.24	6.20	5.67	4	-0.23	-0.10	-0.32
1200-	4	1491.8	0.4	1492.3	1491.3	4	-0.4	0.1	-1.0	4	5.24	0.12	5.36	5.10	4	-0.19	-0.11	-0.26
1300-	4	1491.8	0.5	1492.5	1491.2	3	0.2	0.3	0.2	4	4.82	0.13	4.99	4.68	4	-0.09	-0.06	-0.10
1400-	4	1492.6	0.6	1493.3	1492.0	4	0.2	0.2	0.2	4	4.60	0.14	4.78	4.48	4	-0.07	-0.06	-0.08
1500-	4	1493.5	0.5	1493.9	1493.0	4	0.2	0.4	0.2	4	4.43	0.11	4.52	4.31	4	-0.05	-0.03	-0.08
1750-	4	1496.1	0.2	1496.3	1495.9	4	0.3	0.3	0.2	4	4.05	0.03	4.09	4.00	4	-0.05	-0.03	-0.06
2000-	3	1499.1	0.2	1499.3	1499.0	2	0.4	0.5	0.4	3	3.76	0.03	3.79	3.74	3	-0.03	-0.02	-0.04
2500-	3	1506.1	0.2	1506.4	1506.0	3	0.4	0.4	0.4	3	3.40	0.05	3.46	3.37	3	-0.02	-0.02	-0.02
3000-	3	1513.0	0.3	1513.2	1512.7	3	0.4	0.4	0.4	3	3.00	0.07	3.06	2.93	3	-0.03	-0.03	-0.03
4000-	2	1527.9	0.1	1527.9	1527.8	2	0.5	0.5	0.5	2	2.40	0.02	2.41	2.38	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 114 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	17	1519.5	2.1	1523.6	1515.5	0	0.0	0.0	0.0	17	18.44	0.74	19.90	17.19	0	0.00	0.00	0.00
10.	17	1519.6	2.1	1523.8	1515.6	17	0.5	0.7	0.3	17	18.43	0.74	19.90	17.16	17	-0.02	-0.03	-0.12
20.	17	1519.8	2.2	1524.0	1515.6	17	0.4	0.6	0.3	17	18.43	0.75	19.91	17.11	17	-0.02	0.03	-0.15
30.	17	1519.9	2.2	1524.1	1515.5	17	0.4	0.6	-0.3	17	18.41	0.75	19.91	17.05	17	-0.04	0.03	-0.18
50.	17	1520.1	2.2	1524.2	1515.3	17	0.0	1.0	-1.2	17	18.35	0.74	19.79	16.85	17	-0.16	0.06	-0.64
75.	17	1520.1	2.1	1523.7	1514.8	17	-0.0	0.6	-1.0	17	18.21	0.69	19.45	16.57	17	-0.19	0.02	-0.53
100.	17	1520.2	2.1	1523.5	1514.8	17	0.1	0.6	-0.5	17	18.10	0.68	19.22	16.41	17	-0.13	-0.02	-0.37
125.	17	1520.4	2.0	1523.5	1514.9	17	0.2	0.5	-0.5	17	18.02	0.65	19.09	16.30	17	-0.10	-0.01	-0.32
150.	17	1520.4	2.3	1523.5	1512.8	17	-0.0	0.5	-3.0	17	17.92	0.75	18.95	15.55	17	-0.13	0.01	-1.06
200.	17	1520.8	2.9	1523.5	1510.3	17	0.3	0.8	-0.8	17	17.76	0.88	18.66	14.58	17	-0.08	0.01	-0.38
250.	17	1521.2	3.2	1523.5	1509.2	17	0.3	0.5	-0.7	17	17.63	0.98	18.37	14.00	17	-0.08	-0.01	-0.35
300.	17	1521.6	3.6	1524.0	1508.2	17	0.3	0.5	-0.6	17	17.51	1.08	18.25	13.46	17	-0.05	-0.02	-0.31
400.	17	1522.4	3.8	1524.8	1508.2	17	0.1	0.6	-1.1	17	17.22	1.15	17.99	12.99	17	-0.12	-0.01	-0.77
500.	17	1521.2	5.7	1525.8	1501.8	16	-0.8	0.5	-3.0	17	16.36	1.67	17.77	10.77	17	-0.36	-0.01	-0.78
600.	17	1517.7	7.0	1525.5	1494.8	17	-1.1	-0.1	-2.1	17	14.82	1.99	17.17	8.50	17	-0.51	-0.19	-0.78
700.	17	1512.3	7.2	1522.3	1489.7	16	-1.9	-0.9	-3.6	17	12.78	1.96	15.66	6.78	16	-0.67	-0.43	-1.04
800.	17	1505.4	6.7	1517.5	1487.1	16	-2.4	-0.6	-3.6	17	10.42	1.78	13.75	5.70	17	-0.79	-0.27	-1.04
900.	17	1498.6	5.5	1509.9	1486.3	17	-1.9	-0.2	-3.0	17	8.19	1.41	11.18	5.09	17	-0.62	-0.18	-0.93
1000.	17	1494.2	4.0	1502.4	1486.3	16	-1.0	0.4	-2.1	17	6.64	0.98	8.73	4.69	16	-0.39	-0.01	-0.70
1100.	17	1491.9	2.4	1496.5	1487.2	17	-0.7	0.5	-1.8	17	5.67	0.58	6.80	4.51	17	-0.29	-0.02	-0.59
1200.	17	1491.3	1.6	1494.9	1488.1	16	0.1	1.5	-0.5	17	5.10	0.38	5.96	4.34	17	-0.12	-0.05	-0.24
1300.	17	1491.7	1.3	1494.8	1489.2	17	0.1	0.3	-0.1	17	4.78	0.31	5.52	4.19	17	-0.10	-0.05	-0.15
1400.	17	1492.3	1.1	1494.9	1490.3	16	0.2	0.4	0.1	17	4.53	0.26	5.14	4.06	16	-0.06	-0.04	-0.10
1500.	17	1493.2	0.9	1495.3	1491.5	17	0.3	0.5	0.2	17	4.33	0.21	4.82	3.95	17	-0.06	-0.03	-0.09
1750.	17	1495.9	0.5	1497.2	1494.9	17	0.3	0.4	0.2	17	3.98	0.12	4.27	3.75	17	-0.04	-0.02	-0.07
2000.	17	1499.3	0.3	1500.2	1498.6	14	0.5	0.5	0.4	17	3.77	0.09	4.00	3.61	17	-0.02	-0.01	-0.03
2500.	17	1506.4	0.2	1506.8	1505.8	17	0.5	0.5	0.3	17	3.45	0.06	3.53	3.31	17	-0.02	-0.01	-0.03
3000.	17	1513.3	0.2	1513.9	1512.8	13	0.4	0.6	0.4	17	3.05	0.07	3.18	2.92	15	-0.02	-0.02	-0.03
4000.	16	1528.0	0.1	1528.3	1527.6	16	0.5	1.0	0.5	16	2.40	0.04	2.48	2.32	16	-0.01	-0.01	-0.02
5000.	14	1545.3	0.0	1545.4	1545.1	14	0.5	0.6	0.5	14	2.30	0.02	2.32	2.26	14	-0.00	0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 114 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	2	1521.9	3.0	1524.0	1519.7	0	0.0	0.0	0.0	2	19.62	1.10	20.40	18.84	0	0.00	0.00	0.00
10.	2	1519.9	4.0	1522.7	1517.0	2	-6.9	-4.7	-9.1	2	18.82	1.36	19.78	17.85	2	-2.73	-2.10	-3.35
20.	2	1517.7	4.8	1521.1	1514.3	2	-6.6	-4.9	-8.2	2	18.01	1.58	19.12	16.89	2	-2.47	-2.01	-2.93
30.	2	1515.9	5.4	1519.7	1512.0	2	-5.6	-4.3	-7.0	2	17.28	1.74	18.51	16.05	2	-2.21	-1.86	-2.56
40.	2	1512.6	6.1	1516.9	1508.3	2	-5.0	-4.3	-5.6	2	16.10	1.85	17.40	14.79	2	-1.81	-1.69	-1.92
75.	2	1510.9	4.2	1513.9	1507.9	2	-2.1	-0.5	-3.7	2	15.38	1.27	16.28	14.48	2	-0.87	-0.38	-1.37
100.	2	1509.0	3.3	1511.3	1506.7	2	-2.3	-1.5	-3.2	2	14.67	0.95	15.34	13.99	2	-0.87	-0.60	-1.15
125.	2	1506.5	3.8	1509.2	1503.8	2	-3.0	-2.6	-3.5	2	13.83	1.08	14.59	13.06	2	-1.02	-0.91	-1.13
150.	2	1504.8	3.9	1507.5	1502.0	2	-2.1	-2.1	-2.2	2	13.21	1.08	13.97	12.44	2	-0.76	-0.76	-0.76
200.	2	1503.7	2.3	1505.3	1502.0	2	-0.7	-1.3	-1.3	2	12.64	0.66	13.10	12.17	2	-0.35	-0.16	-0.53
250.	2	1502.2	3.2	1504.4	1499.9	2	-0.9	-0.5	-1.3	2	11.99	0.88	12.61	11.37	2	-0.39	-0.30	-0.49
300.	2	1499.9	3.4	1502.3	1497.5	2	-1.4	-1.3	-1.5	2	11.15	0.91	11.79	10.50	2	-0.52	-0.50	-0.53
400.	2	1492.9	1.6	1494.0	1491.8	2	-1.9	-1.2	-2.5	2	8.86	0.40	9.14	8.57	2	-0.65	-0.49	-0.81
500.	2	1488.0	0.1	1488.1	1487.9	2	-1.2	-0.6	-1.8	2	7.17	0.04	7.20	7.14	2	-0.49	-0.37	-0.61
600.	2	1484.6	0.8	1485.1	1484.0	2	-0.6	-0.6	-0.6	2	5.90	0.18	6.02	5.77	2	-0.24	-0.18	-0.30
700.	2	1483.6	0.1	1483.6	1483.5	2	-0.3	-0.6	-0.6	2	5.25	0.02	5.26	5.23	2	-0.18	-0.18	-0.18
800.	2	1483.4	0.2	1483.5	1483.2	2	0.2	0.3	0.3	2	4.80	0.05	4.83	4.76	2	-0.09	-0.06	-0.12
900.	2	1484.1	0.0	1484.1	1484.1	2	0.2	0.3	0.3	2	4.58	0.01	4.58	4.57	2	-0.05	-0.03	-0.06
1000.	2	1485.0	0.1	1485.1	1484.9	2	0.3	0.3	0.2	2	4.39	0.03	4.41	4.37	2	-0.06	-0.06	-0.06
1100.	2	1485.9	0.0	1485.9	1485.9	2	0.3	0.3	0.2	2	4.21	0.00	4.21	4.21	2	-0.05	-0.05	-0.05
1200.	2	1487.0	0.1	1487.0	1486.9	2	0.3	0.3	0.2	2	4.06	0.01	4.07	4.05	2	-0.04	-0.04	-0.05
1300.	2	1488.2	0.0	1488.2	1488.2	2	0.4	0.4	0.4	2	3.96	0.01	3.96	3.95	2	-0.03	-0.03	-0.03
1400.	2	1489.5	0.0	1489.5	1489.5	2	0.4	0.4	0.4	2	3.87	0.00	3.87	3.87	2	-0.02	-0.02	-0.02
1500.	2	1491.0	0.1	1491.1	1490.9	2	0.5	0.5	0.4	2	3.82	0.01	3.82	3.81	2	-0.02	-0.02	-0.02
1750.	2	1494.8	0.1	1494.8	1494.7	2	0.5	0.5	0.4	2	3.71	0.01	3.72	3.70	2	-0.01	-0.01	-0.01
2000.	2	1498.5	0.1	1498.5	1498.4	2	0.4	0.5	0.4	2	3.58	0.01	3.58	3.57	2	-0.02	-0.02	-0.02
2500.	2	1505.4	0.0	1505.4	1505.4	2	0.4	0.5	0.4	2	3.21	0.01	3.21	3.20	2	-0.02	-0.02	-0.02
3000.	2	1512.5	0.0	1512.5	1512.5	2	0.4	0.4	0.4	2	2.85	0.01	2.85	2.84	2	-0.02	-0.02	-0.02
4000.	2	1527.8	0.1	1527.8	1527.7	2	0.5	0.5	0.5	2	2.35	0.01	2.35	2.34	2	-0.01	-0.01	-0.01
5000.	2	1545.4	0.1	1545.4	1545.3	1	0.5	0.5	0.5	2	2.31	0.01	2.32	2.30	2	-0.00	0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 114 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	14	1532.2	3.8	1537.6	1524.9	0	0.0	0.0	0.0	0.0	14	23.36	25.62	20.92
10-	14	1531.6	4.0	1537.7	1525.3	14	-0.9	18.3	-10.5	14	23.05	1.57	25.59	20.61
20-	14	1531.0	4.1	1537.8	1522.2	14	-2.4	0.6	-9.4	14	22.73	1.65	25.56	19.41
30-	14	1529.9	4.5	1538.0	1519.4	14	-3.6	0.6	-8.5	14	22.23	1.75	25.53	18.37
50-	14	1528.1	5.4	1538.2	1514.9	14	-3.1	0.3	-6.9	14	21.35	2.04	25.46	16.75
75-	14	1525.9	5.0	1534.9	1513.3	14	-2.1	10.7	-10.6	14	20.38	1.93	23.82	16.12
100-	14	1524.0	4.6	1531.1	1511.6	12	-2.1	0.3	-6.6	14	19.49	1.57	22.09	15.43
125-	14	1522.8	4.4	1526.6	1509.1	14	-1.0	0.4	-3.0	14	18.89	1.43	20.19	14.57
150-	14	1522.2	4.6	1525.7	1507.2	14	-0.7	0.4	-2.3	14	18.54	1.45	19.75	13.89
200-	14	1521.3	4.8	1524.9	1505.3	13	-0.2	1.5	-5.2	14	17.96	1.48	19.18	13.11
250-	14	1520.7	5.4	1524.2	1504.5	14	-0.3	0.4	-4.0	14	17.52	1.64	19.63	12.65
300-	14	1520.5	6.0	1524.5	1502.7	14	-0.2	1.0	-1.8	14	17.17	1.80	18.46	11.92
400-	14	1518.5	8.6	1525.0	1496.2	14	-0.8	0.2	-6.0	14	16.10	2.52	18.05	9.73
500-	14	1515.7	10.8	1524.4	1488.7	13	-1.8	-0.2	-10.7	14	14.79	3.04	17.35	7.36
600-	14	1511.4	11.5	1522.0	1484.8	14	-1.6	0.4	-3.6	14	13.08	3.14	16.08	5.98
700-	14	1506.2	11.1	1517.0	1482.7	14	-1.7	-0.8	-2.9	14	11.14	2.93	14.06	5.05
800-	14	1500.8	9.4	1512.8	1482.9	13	-1.6	0.6	-3.0	14	9.23	2.42	12.42	4.70
900-	14	1496.0	6.7	1505.5	1484.5	14	-1.4	0.3	-2.4	14	7.54	1.68	9.98	4.66
1000-	14	1492.7	4.4	1499.1	1485.3	13	-0.6	0.4	-2.0	14	6.26	1.10	7.88	4.45
1100-	14	1491.4	3.3	1497.3	1486.3	14	-0.4	0.3	-1.0	14	5.52	0.81	6.99	4.30
1200-	14	1490.9	2.5	1496.2	1487.4	14	-0.0	0.4	-0.5	14	5.00	0.63	6.30	4.16
1300-	14	1491.2	1.9	1495.4	1488.6	12	0.2	0.4	-0.3	14	4.67	0.46	5.69	4.04
1400-	14	1491.8	1.3	1494.9	1489.8	14	0.2	0.6	-0.2	14	4.41	0.33	5.16	3.93
1500-	14	1492.7	0.9	1494.8	1491.1	14	0.3	0.5	-0.0	14	4.22	0.22	4.72	3.84
1750-	13	1495.6	0.5	1496.6	1494.7	13	0.4	0.5	0.3	13	3.91	0.11	4.14	3.70
2000-	13	1499.0	0.3	1499.5	1498.4	12	0.4	0.5	0.4	13	3.71	0.07	3.82	3.56
2500-	8	1506.1	0.3	1506.6	1505.5	8	0.4	0.5	0.4	8	3.38	0.09	3.49	3.24
3000-	7	1513.0	0.6	1514.2	1512.4	5	0.4	0.5	0.4	8	2.97	0.13	3.26	2.84
4000-	7	1528.0	0.7	1529.6	1527.5	6	0.5	0.6	0.5	8	2.40	0.16	2.79	2.30
5000-	5	1545.3	0.0	1545.4	1545.2	3	0.5	0.6	0.5	5	2.30	0.02	2.32	2.27

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 114 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	10	1534.6	3.9	1539.4	1526.8	0	0.0	0.0	0.0	10	24.49	1.39	26.31	21.81	0	0.00	0.00	0.00
10.	10	1534.5	3.9	1539.4	1526.9	10	0.5	6.1	-5.1	10	24.37	1.42	26.18	21.76	10	-0.00	2.44	-2.47
20.	10	1534.1	4.6	1538.8	1524.1	10	-0.4	12.2	-7.6	10	24.13	1.66	25.82	20.69	10	-0.49	3.35	-3.35
30.	10	1532.8	4.3	1538.2	1525.4	10	-8.0	-0.3	-19.3	10	23.48	1.58	25.66	20.99	10	-3.60	-0.43	-8.64
50.	10	1527.6	5.8	1535.3	1518.6	9	-5.4	-3.0	-10.7	10	21.27	2.09	24.22	18.26	9	-2.35	-1.52	-3.96
75.	10	1523.8	7.2	1533.9	1510.7	9	-3.8	2.0	-9.6	10	19.67	2.45	23.36	15.43	10	-1.69	-0.10	-3.45
100.	10	1521.5	6.9	1530.2	1506.6	10	-1.6	-1.0	-4.5	10	18.68	2.25	21.74	14.00	10	-0.78	-0.15	-1.98
125.	10	1520.2	6.6	1526.7	1506.0	10	-1.5	-0.3	-4.3	10	18.10	2.09	20.26	13.70	10	-0.70	-0.15	-1.80
150.	10	1519.3	6.9	1525.0	1504.0	10	-1.1	0.5	-3.7	10	17.64	2.12	19.54	12.98	10	-0.53	-0.24	-1.24
200.	10	1518.2	8.1	1523.7	1498.8	10	-0.3	1.5	-2.0	10	17.04	2.43	18.77	11.29	10	-0.29	-0.03	-0.71
250.	10	1517.8	9.3	1523.6	1495.4	10	-0.2	0.4	-2.1	10	16.68	2.73	18.54	10.18	10	-0.21	-0.02	-0.63
300.	10	1517.4	10.3	1523.2	1492.3	9	-0.0	0.4	-0.8	10	16.29	2.98	17.99	9.15	9	-0.16	-0.03	-0.40
400.	10	1515.3	12.1	1523.5	1487.0	9	-1.0	0.3	-2.5	10	15.18	3.40	17.56	7.34	10	-0.48	-0.06	-0.92
500.	10	1512.3	13.2	1522.9	1483.5	10	-0.9	-0.1	-2.8	10	13.83	3.63	16.86	6.05	10	-0.41	-0.15	-0.69
600.	10	1508.1	13.1	1521.0	1482.3	9	-1.5	-0.2	-3.3	10	12.16	3.54	15.78	5.35	9	-0.57	-0.16	-1.07
700.	10	1502.9	12.3	1517.8	1482.1	8	-1.8	-0.7	-2.6	10	10.26	3.24	14.34	4.91	9	-0.06	4.65	-0.83
800.	10	1498.2	10.7	1513.2	1482.3	10	-1.4	0.3	-2.7	10	8.56	2.75	12.53	4.54	10	-0.51	-0.08	-0.94
900.	9	1494.7	7.6	1505.1	1483.6	9	-1.3	0.3	-2.5	10	7.05	1.88	9.87	4.45	10	-0.44	-0.05	-0.82
1000.	9	1491.7	4.8	1498.6	1484.6	8	-0.9	0.3	-2.0	9	6.04	1.19	7.76	4.30	8	-0.34	-0.04	-0.64
1100.	9	1490.3	2.9	1494.2	1485.8	8	-0.3	0.4	-1.3	9	5.26	0.71	6.23	4.18	9	-0.19	-0.03	-0.46
1200.	9	1490.2	1.8	1492.0	1487.1	7	-0.0	0.4	-0.7	9	4.83	0.42	5.28	4.09	9	-0.12	-0.03	-0.29
1300.	8	1490.5	1.3	1491.9	1488.3	7	0.2	0.4	-0.0	8	4.50	0.30	4.83	3.98	8	-0.08	-0.03	-0.13
1400.	8	1491.3	1.0	1492.3	1489.6	6	0.3	0.4	0.1	8	4.28	0.23	4.51	3.88	8	-0.05	-0.02	-0.10
1500.	8	1492.4	0.8	1493.2	1491.0	8	0.4	0.5	0.3	8	4.15	0.20	4.34	3.81	8	-0.03	-0.00	-0.06
1750.	8	1495.5	0.5	1496.1	1494.5	7	0.4	0.4	0.3	8	3.90	0.12	4.03	3.66	8	-0.03	-0.02	-0.05
2000.	8	1499.0	0.4	1499.6	1498.2	8	0.4	0.5	0.3	8	3.72	0.09	3.85	3.54	8	-0.02	-0.01	-0.03
2500.	8	1506.2	0.4	1506.7	1505.6	8	0.4	0.5	0.4	8	3.39	0.10	3.51	3.25	8	-0.02	-0.01	-0.03
3000.	8	1513.2	0.4	1513.9	1512.4	8	0.4	0.4	0.4	8	3.02	0.11	3.18	2.83	8	-0.03	-0.02	-0.04
4000.	6	1527.9	0.1	1528.1	1527.6	6	0.5	0.5	0.5	6	2.39	0.04	2.44	2.33	6	-0.01	-0.01	-0.02
5000.	2	1545.4	0.1	1545.4	1545.3	2	0.5	0.5	0.5	2	2.30	0.01	2.31	2.29	2	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 114 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	17	1536.4	2.8	1540.0	1530.1	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	17	1536.1	2.5	1539.2	1530.3	17	-0.9	0.6	-3.7	0.0	17	-0.61	-0.03	-1.83
20.	17	1535.7	2.4	1538.6	1530.0	17	-2.0	1.5	-10.7	0.0	17	-1.02	0.61	-4.89
30.	17	1534.9	2.4	1538.7	1529.5	17	-2.8	1.5	-10.4	0.0	17	-1.45	-0.06	-4.85
50.	17	1531.6	3.8	1535.5	1522.2	17	-7.2	-1.8	-16.2	0.0	17	-3.10	-1.02	-6.66
75.	17	1526.9	4.7	1532.0	1514.2	17	-4.9	-1.5	-6.9	0.0	17	-2.03	-0.61	-2.82
100.	17	1524.0	4.4	1529.8	1511.6	17	-2.1	0.3	-4.1	0.0	17	-0.89	-0.24	-1.66
125.	17	1522.6	4.3	1528.1	1510.5	17	-1.7	0.2	-3.3	0.0	17	-0.77	-0.13	-1.29
150.	13	1523.2	2.3	1526.6	1517.0	12	-1.1	-0.7	-1.8	0.0	13	-0.60	-0.38	-0.91
200.	13	1522.0	2.7	1524.7	1513.4	12	0.0	1.0	-0.9	0.0	13	1.30	18.90	-0.52
250.	13	1521.8	3.8	1523.8	1509.4	12	-0.3	0.2	-3.0	0.0	13	-0.24	-0.59	-1.07
300.	13	1521.6	4.9	1524.0	1505.5	13	0.1	0.6	-2.0	0.0	13	-0.13	-0.04	-0.75
400.	13	1521.4	6.0	1525.4	1503.8	13	-0.3	0.5	-1.9	0.0	13	-0.22	-0.01	-0.76
500.	13	1519.7	6.1	1526.0	1498.4	13	-0.7	0.3	-3.5	0.0	13	-0.35	-0.05	-1.03
600.	13	1516.5	10.3	1526.3	1491.0	13	-1.1	0.1	-2.0	0.0	13	-0.45	-0.13	-0.73
700.	13	1511.9	11.3	1523.2	1487.2	13	-1.6	-0.6	-2.5	0.0	13	-0.59	-0.33	-0.91
800.	13	1506.1	10.4	1516.2	1485.9	13	-2.1	-0.2	-3.0	0.0	13	-0.75	-0.17	-1.03
900.	13	1500.0	6.1	1508.6	1485.7	13	-1.8	-0.1	-2.8	0.0	13	-0.61	-0.13	-0.91
1000.	13	1496.1	6.1	1502.8	1486.4	13	-0.8	0.3	-1.8	0.0	13	-0.33	-0.06	-0.60
1100.	13	1494.0	4.4	1499.1	1487.5	13	-0.7	0.3	-1.5	0.0	13	-0.30	-0.06	-0.51
1200.	13	1492.4	2.9	1496.4	1488.1	12	-0.5	0.2	-1.2	0.0	13	-0.24	-0.07	-0.41
1300.	13	1491.5	1.8	1494.6	1489.0	13	-0.2	0.3	-0.8	0.0	13	-0.18	-0.05	-0.32
1400.	13	1491.6	0.9	1493.3	1490.1	13	0.1	0.4	-0.5	0.0	13	-0.09	-0.01	-0.23
1500.	13	1492.4	0.5	1493.0	1491.5	13	0.3	0.4	0.2	0.0	13	-0.05	-0.02	-0.07
1750.	13	1495.2	0.1	1495.5	1494.6	13	0.4	0.6	0.3	0.0	13	-0.03	-0.02	-0.05
2000.	13	1498.6	0.1	1498.9	1498.1	12	0.4	0.6	0.4	0.0	13	-0.02	-0.01	-0.03
2500.	12	1505.9	0.2	1506.1	1505.5	11	0.4	0.5	0.4	0.0	12	-0.02	-0.01	-0.02
3000.	5	1512.7	0.3	1513.1	1512.4	4	0.4	0.4	0.4	0.0	5	-0.02	-0.02	-0.03
4000.	4	1527.8	0.7	1528.0	1527.6	3	0.5	0.5	0.5	0.0	4	-0.01	-0.01	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 114 FOR MONTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	C-C	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1538.5	0.9	1540.7	1537.8	0.0	9	26.00	0.40	26.90	25.63	3	0.00	0.00	0.00
10.	8	1538.6	0.8	1540.2	1537.9	0.9	9	25.93	0.33	26.60	25.62	9	-0.20	0.09	-0.91
20.	8	1538.5	0.5	1539.4	1538.0	3.0	9	25.84	0.27	26.23	25.54	9	-0.35	0.30	-1.25
30.	8	1538.5	0.2	1539.1	1538.1	3.0	9	25.73	0.19	26.09	25.42	9	-0.10	2.13	-1.55
40.	8	1537.4	1.5	1539.3	1535.2	0.8	9	25.14	0.65	26.03	24.16	9	-1.98	-0.15	-4.27
50.	9	1532.7	2.6	1536.5	1528.7	-3.4	9	23.02	1.03	24.52	21.39	9	-2.96	-1.84	-5.12
100.	9	1528.2	3.5	1533.7	1522.4	-10.7	9	21.09	1.27	23.15	19.05	9	-1.99	-0.46	-3.66
125.	9	1525.0	3.8	1530.8	1519.9	-8.7	9	19.75	1.31	21.84	18.02	9	-1.62	-0.41	-3.13
150.	9	1522.6	4.3	1528.3	1514.7	-3.8	9	18.77	1.41	20.72	16.26	9	-1.01	-0.30	-1.50
200.	9	1520.3	4.9	1524.8	1510.1	-3.0	9	17.69	1.54	19.18	14.57	9	-0.47	-0.14	-0.69
250.	9	1519.1	5.8	1524.2	1507.8	-1.6	9	17.05	1.78	18.65	13.64	9	-0.39	0.14	-0.21
300.	9	1518.3	6.7	1524.0	1505.2	-0.3	9	16.53	2.03	18.31	12.67	9	-0.24	-0.15	-0.46
400.	9	1516.6	8.7	1523.8	1499.9	-0.5	9	15.53	2.63	17.68	10.74	9	-0.31	-0.12	-0.91
500.	9	1513.7	11.6	1523.9	1493.4	-2.6	9	14.22	3.33	17.17	8.57	9	-0.45	-0.10	-0.88
600.	9	1509.8	12.7	1521.5	1490.0	-2.1	9	12.63	3.52	15.95	7.26	9	-0.51	-0.38	-0.71
700.	9	1505.1	12.4	1517.7	1487.0	-0.9	9	10.67	3.33	14.33	6.12	9	-0.58	-0.34	-0.99
800.	9	1499.9	10.6	1511.7	1485.3	-2.3	9	9.02	2.76	12.12	5.29	9	-0.58	-0.20	-0.88
900.	9	1505.2	7.9	1505.2	1485.1	-0.1	9	7.41	2.00	9.91	4.86	9	-0.47	-0.38	-0.77
1000.	8	1493.0	4.1	1499.6	1486.0	0.3	9	6.20	1.29	8.02	4.66	9	-0.36	-0.05	-0.60
1100.	7	1490.6	3.4	1496.4	1486.8	0.3	9	5.36	0.84	6.77	4.46	9	-0.20	-0.06	-0.43
1200.	7	1490.3	2.4	1494.7	1487.7	0.3	9	4.88	0.56	5.92	4.29	9	-0.14	-0.04	-0.34
1300.	5	1491.2	2.0	1494.0	1488.8	0.0	5	4.70	0.45	5.35	4.15	5	-0.08	-0.04	-0.12
1400.	5	1491.9	1.5	1494.2	1490.0	0.1	5	4.46	0.36	5.00	4.02	5	-0.07	-0.04	-0.11
1500.	3	1492.8	1.7	1494.6	1491.2	0.1	3	4.26	0.40	4.69	3.90	3	-0.06	-0.04	-0.09
1750.	2	1495.6	1.6	1496.7	1494.5	0.4	2	3.94	0.35	4.18	3.69	2	-0.04	-0.02	-0.04
2000.	2	1498.7	1.0	1499.4	1498.0	0.4	2	3.67	0.22	3.82	3.51	2	-0.03	-0.02	-0.04
2500.	2	1505.4	0.7	1505.9	1504.9	0.4	2	3.24	0.16	3.35	3.13	2	-0.03	-0.03	-0.03
3000.	2	1512.5	0.6	1512.9	1512.0	0.4	2	2.87	0.15	2.97	2.76	2	-0.02	-0.02	-0.02
4000.	2	1527.9	0.4	1528.1	1527.6	0.5	2	2.38	0.08	2.44	2.32	2	-0.01	-0.01	-0.02
5000.	1	1544.7	0.0	1544.9	1544.9	0.5	1	2.22	0.00	2.22	2.22	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 1:4 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1535.4	0.0	1535.4	1535.4	0	0.0	0.00	24.68	24.68	0	0.00	0.00	0.00
10.	1	1535.6	0.0	1535.6	1535.6	1	0.6	0.00	24.70	24.70	1	0.06	0.06	0.06
20.	1	1535.8	0.0	1535.8	1535.8	1	0.6	0.00	24.70	24.70	1	0.00	0.00	0.00
30.	1	1535.9	0.0	1535.9	1535.9	1	0.3	0.00	24.68	24.68	1	-0.06	-0.06	-0.06
40.	1	1535.8	0.0	1535.8	1535.8	1	-0.2	0.00	24.49	24.49	1	-0.29	-0.29	-0.29
50.	1	1535.5	0.0	1535.5	1535.5	1	-0.4	0.00	24.21	24.21	1	-0.34	-0.34	-0.34
75.	1	1536.4	0.0	1536.4	1536.4	1	1.1	0.00	24.32	24.32	1	0.13	0.13	0.13
100.	1	1534.1	0.0	1534.1	1534.1	1	-2.8	0.00	23.13	23.13	1	-1.45	-1.45	-1.45
125.	1	1531.6	0.0	1531.6	1531.6	1	-3.0	0.00	21.98	21.98	1	-1.40	-1.40	-1.40
150.	1	1526.7	0.0	1526.7	1526.7	1	-3.0	0.00	19.83	19.83	1	-1.31	-1.31	-1.31
200.	1	1512.4	0.0	1512.4	1512.4	1	-8.7	0.00	15.07	15.07	1	-2.90	-2.90	-2.90
250.	1	1512.6	0.0	1512.6	1512.6	1	0.1	0.00	14.79	14.79	1	-0.17	-0.17	-0.17
300.	1	1508.4	0.0	1508.4	1508.4	1	-1.6	0.00	13.10	13.10	1	-0.65	-0.65	-0.65
400.	1	1500.5	0.0	1500.5	1500.5	1	-2.2	0.00	10.48	10.48	1	-0.73	-0.73	-0.73
500.	1	1494.8	0.0	1494.8	1494.8	1	-1.3	0.00	8.51	8.51	1	-0.49	-0.49	-0.49
600.	1	1490.7	0.0	1490.7	1490.7	1	-1.2	0.00	7.03	7.03	1	-0.44	-0.44	-0.44
700.	1	1487.7	0.0	1487.7	1487.7	1	-0.9	0.00	5.84	5.84	1	-0.36	-0.36	-0.36
800.	1	1486.5	0.0	1486.5	1486.5	1	0.0	0.00	5.16	5.16	1	-0.13	-0.13	-0.13
900.	1	1486.6	0.0	1486.6	1486.6	1	0.0	0.00	4.79	4.79	1	-0.11	-0.11	-0.11
1000.	1	1487.1	0.0	1487.1	1487.1	1	0.2	0.00	4.52	4.52	1	-0.07	-0.07	-0.07
1100.	1	1487.9	0.0	1487.9	1487.9	1	0.2	0.00	4.31	4.31	1	-0.06	-0.06	-0.06
1200.	1	1488.8	0.0	1488.8	1488.8	1	0.3	0.00	4.14	4.14	1	-0.05	-0.05	-0.05
1300.	1	1490.1	0.0	1490.1	1490.1	0	0.0	0.00	4.04	4.04	1	-0.03	-0.03	-0.03
1400.	1	1491.5	0.0	1491.5	1491.5	1	0.4	0.00	3.97	3.97	1	-0.02	-0.02	-0.02
1500.	1	1494.9	0.0	1494.9	1494.9	1	0.4	0.00	3.79	3.79	1	-0.02	-0.02	-0.02
1750.	1	1498.6	0.0	1498.6	1498.6	1	0.5	0.00	3.64	3.64	1	-0.02	-0.02	-0.02
2000.	1	1505.5	0.0	1505.5	1505.5	1	0.4	0.00	3.25	3.25	1	-0.03	-0.03	-0.03
2500.	1	1512.5	0.0	1512.5	1512.5	1	0.4	0.00	2.87	2.87	1	-0.02	-0.02	-0.02
3000.	1	1527.9	0.0	1527.9	1527.9	1	0.5	0.00	2.40	2.40	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1525.2	2.2	1529.5	1522.0	0	0.0	0.0	0.0	13	20.49	0.92	22.18	19.32	0	0.00	0.00	0.00
10.	13	1525.3	2.2	1529.7	1522.2	13	0.3	0.9	-1.4	13	20.48	0.83	22.20	19.32	13	-0.02	0.18	-0.64
20.	13	1525.5	2.2	1529.9	1522.3	13	0.4	1.0	-0.6	13	20.48	0.83	22.21	19.31	13	-0.09	0.13	-0.91
30.	13	1525.5	2.2	1530.0	1522.5	13	-0.2	1.0	-3.7	13	20.40	0.84	22.15	19.33	13	-0.25	0.09	-1.47
40.	13	1525.5	2.2	1529.9	1522.6	13	0.1	0.7	-2.0	13	20.31	0.82	22.00	19.24	13	-0.15	0.04	-1.02
50.	13	1525.7	2.0	1529.0	1522.6	12	0.2	0.6	-1.0	13	20.21	0.75	21.47	19.09	12	-0.16	-0.02	-0.52
60.	13	1525.8	2.1	1529.0	1522.7	13	-0.8	0.5	-3.0	13	20.09	0.77	21.34	18.99	13	-0.37	-0.01	-0.91
70.	13	1525.3	2.4	1529.2	1521.9	13	-0.7	0.6	-1.8	13	19.76	0.91	21.26	18.54	13	-0.42	0.01	-0.83
80.	13	1524.6	2.7	1529.1	1521.0	13	-1.0	-0.3	-3.0	13	19.38	0.98	21.05	18.07	13	-0.48	-0.13	-0.74
90.	12	1523.3	2.6	1527.7	1519.9	12	-0.8	1.0	-3.3	12	18.63	0.90	20.18	17.52	12	-0.49	-0.06	-1.24
100.	12	1522.7	2.2	1526.4	1518.1	12	-0.0	3.0	-1.3	12	18.11	0.73	19.33	16.65	12	-0.25	-0.06	-0.62
110.	9	1523.0	2.2	1525.1	1517.4	9	-0.0	0.5	-0.4	9	17.95	0.73	18.07	16.16	9	-0.18	-0.00	-0.30
120.	9	1522.9	2.9	1525.0	1515.3	9	0.1	0.5	-0.7	9	17.38	0.90	18.08	15.04	9	-0.14	-0.07	-0.35
130.	9	1522.0	4.0	1524.8	1512.2	9	-0.4	0.3	-1.7	9	16.58	1.21	17.47	13.65	9	-0.29	-0.08	-0.67
140.	9	1519.6	6.0	1524.5	1504.3	9	-1.1	-0.2	-2.9	9	15.38	1.72	16.86	11.00	9	-0.48	-0.19	-0.94
150.	9	1515.5	6.7	1519.9	1498.3	9	-1.6	-1.0	-2.3	9	13.68	1.85	14.96	8.94	9	-0.61	-0.48	-0.84
160.	9	1509.0	6.1	1514.2	1493.9	9	-2.2	-1.3	-2.9	9	11.39	1.63	12.78	7.39	9	-0.75	-0.47	-0.94
170.	9	1502.3	4.5	1505.9	1491.2	9	-2.0	-0.8	-2.7	9	9.14	1.17	10.11	6.30	9	-0.67	-0.32	-0.87
180.	9	1496.7	3.0	1499.1	1489.4	9	-1.6	-0.5	-2.1	9	7.28	0.74	7.88	5.45	9	-0.54	-0.26	-0.64
190.	9	1493.5	1.9	1495.6	1489.4	9	-0.8	0.0	-1.5	9	6.03	0.46	6.57	5.04	9	-0.32	-0.11	-0.50
200.	9	1492.3	1.3	1494.2	1489.7	9	-0.2	0.3	-0.7	9	5.33	0.32	5.78	4.71	9	-0.17	-0.06	-0.29
210.	9	1492.3	1.1	1493.9	1490.2	9	0.1	0.3	-0.1	9	4.94	0.26	5.30	4.43	9	-0.10	-0.06	-0.15
220.	9	1492.8	1.0	1493.9	1490.9	9	0.2	0.6	0.0	9	4.65	0.23	4.92	4.20	9	-0.08	-0.05	-0.12
230.	8	1493.3	0.8	1494.2	1492.1	8	0.2	0.4	0.0	8	4.58	0.18	4.90	3.74	8	-0.08	-0.03	-0.10
240.	7	1493.7	0.6	1496.3	1494.8	7	0.3	0.4	0.2	7	3.94	0.14	4.10	3.74	7	-0.05	-0.03	-0.07
250.	5	1499.1	0.3	1499.3	1498.6	4	0.4	0.4	0.4	5	3.75	0.07	3.80	3.63	5	-0.03	-0.02	-0.03
260.	5	1506.0	0.3	1506.3	1505.4	5	0.4	0.4	0.3	5	3.35	0.09	3.43	3.21	5	-0.03	-0.02	-0.03
270.	5	1512.6	0.2	1512.8	1512.2	5	0.4	0.4	0.4	5	2.89	0.06	2.94	2.79	5	-0.03	-0.03	-0.03
280.	4	1527.7	0.2	1527.9	1527.6	3	0.5	0.5	0.5	4	2.33	0.03	2.37	2.30	3	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 2

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	14	1522.5	2.1	1528.8	1519.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	14	1522.6	2.1	1529.0	1520.0	14	0.6	0.6	1.2	0.3	14	0.01	0.21	-0.05
20.	14	1522.8	2.1	1529.1	1520.3	14	0.5	0.5	0.9	0.3	14	0.01	0.21	-0.05
30.	14	1523.0	2.1	1529.2	1520.7	14	0.6	0.6	1.2	0.3	14	0.01	0.21	-0.05
40.	14	1523.3	2.1	1529.5	1520.7	14	0.4	0.4	0.6	0.3	14	-0.02	0.22	-0.16
75.	14	1523.7	2.1	1529.8	1521.0	14	0.5	0.5	0.6	0.6	14	-0.01	0.21	-0.05
100.	14	1524.0	2.0	1530.1	1521.4	14	0.4	0.4	0.6	-0.6	14	-0.05	0.01	-0.37
125.	14	1524.3	2.0	1530.4	1521.8	14	0.3	0.3	1.5	-0.6	14	-0.05	0.26	-0.34
150.	14	1524.5	1.9	1530.6	1522.2	14	-0.1	0.7	3.0	-3.0	14	-0.20	0.26	-1.23
200.	14	1523.6	1.2	1526.0	1521.9	14	-0.4	0.6	0.6	-1.4	14	-0.30	0.01	-0.71
250.	14	1523.0	0.7	1524.1	1521.6	14	-0.3	0.2	0.2	-1.2	14	-0.27	-0.12	-0.52
300.	14	1522.8	0.7	1523.8	1521.6	14	-0.1	0.4	0.4	-0.6	14	-0.19	-0.04	-0.56
400.	13	1523.0	0.5	1523.8	1521.6	13	0.1	0.5	0.5	-0.8	13	-0.14	-0.01	-0.52
500.	13	1521.8	1.3	1523.7	1518.6	13	-0.6	0.0	0.0	-1.4	13	-0.34	-0.15	-0.51
600.	13	1517.9	2.0	1521.4	1513.8	12	-1.3	-0.8	-2.6	-2.6	13	-0.55	-0.30	-0.92
700.	13	1512.6	2.7	1517.1	1506.4	13	-1.8	-1.1	-3.0	-3.0	13	-0.65	-0.50	-0.91
800.	13	1506.1	2.9	1512.6	1499.8	13	-2.1	-1.4	-3.0	-3.0	13	-0.73	-0.53	-0.97
900.	13	1499.6	2.9	1507.6	1494.7	12	-2.0	-1.6	-2.7	-2.7	13	-0.66	-0.55	-0.91
1000.	13	1495.0	2.7	1502.7	1491.0	13	-1.1	-0.5	-1.8	-1.8	13	-0.40	-0.20	-0.57
1100.	13	1493.0	2.1	1499.0	1489.7	13	-0.5	-0.1	-1.1	-1.1	13	-0.26	-0.17	-0.47
1200.	13	1492.7	1.7	1496.7	1489.3	13	-0.1	0.2	0.2	-0.7	13	-0.16	-0.07	-0.50
1300.	13	1492.2	1.4	1495.7	1489.8	12	0.1	0.3	-0.1	-0.1	12	-0.11	-0.05	-0.13
1400.	13	1492.6	1.3	1495.8	1490.8	13	0.1	0.3	0.3	-0.2	13	-0.09	-0.05	-0.10
1500.	12	1493.3	1.2	1496.1	1491.5	12	0.2	0.3	0.0	0.0	12	-0.07	-0.05	-0.12
1750.	11	1495.3	0.9	1497.4	1494.7	11	0.4	0.4	0.4	0.2	11	-0.04	-0.02	-0.04
2000.	9	1499.0	0.6	1499.9	1498.2	9	0.4	0.8	0.8	0.3	9	-0.03	-0.02	-0.03
2500.	4	1505.5	0.3	1505.9	1505.3	4	0.4	0.4	0.4	0.4	4	-0.02	-0.02	-0.01
3000.	4	1512.4	0.5	1512.9	1511.8	4	0.4	0.4	0.4	0.4	4	-0.02	-0.02	-0.01
4000.	2	1527.6	0.4	1527.9	1527.3	2	0.5	0.5	0.5	0.5	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	18.79	0.37	19.40	18.50	0	0.00	0.00	0.00
10.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	18.75	0.36	19.36	18.48	5	-0.10	-0.03	-0.24
20.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	18.73	0.35	19.32	18.47	5	-0.08	-0.03	-0.15
30.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	18.70	0.33	19.27	18.46	5	-0.06	0.10	-0.20
50.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.89	0.45	19.50	18.44	7	-0.05	-0.18	-0.19
75.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.83	0.41	19.50	18.45	7	-0.07	0.01	-0.27
100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.78	0.39	19.46	18.45	7	-0.10	-0.06	-0.30
125.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.70	0.33	19.22	18.37	7	-0.09	-0.02	-0.29
150.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.64	0.28	19.03	18.30	7	-0.07	0.03	-0.23
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.48	0.23	18.80	18.20	7	-0.19	-0.19	-0.91
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.24	0.46	18.61	17.33	7	-0.09	0.01	-0.24
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	18.08	0.55	18.78	16.99	7	-0.06	-0.05	-0.15
400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	17.58	0.77	18.33	15.94	7	-0.19	-0.07	-0.49
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	16.59	1.11	17.65	14.20	7	-0.43	-0.30	-0.66
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	14.90	1.29	15.65	12.04	7	-0.58	-0.36	-0.80
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	12.80	1.39	13.94	9.79	7	-0.74	-0.65	-0.91
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	10.57	1.15	11.47	8.17	7	-0.68	-0.42	-0.87
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	8.65	0.91	9.53	6.97	7	-0.56	-0.34	-0.69
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	7.10	0.76	7.90	5.84	7	-0.43	-0.14	-0.56
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	6.09	0.72	7.44	5.25	7	-0.26	-0.10	-0.43
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	6	5.48	0.75	6.99	5.02	6	-0.12	-0.05	-0.15
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	6	5.13	0.70	6.53	4.73	6	-0.11	-0.05	-0.14
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	6	4.90	0.63	6.07	4.43	6	-0.12	-0.08	-0.23
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	6	4.52	0.54	5.61	4.15	6	-0.08	-0.04	-0.14
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	3.89	0.09	3.99	3.75	5	-0.05	-0.04	-0.05
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2	3.63	0.06	3.67	3.58	2	-0.03	-0.03	-0.03
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.16	0.00	3.16	3.16	1	-0.02	-0.02	-0.02
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.79	0.00	2.79	2.79	1	-0.02	-0.02	-0.02
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.28	0.00	2.28	2.28	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	S	D	MAX	MIN	NO	AVG	MAX	MIN
0-	13	1521.9	1.2	1523.7	1519.8	0	0.0	0.0	0.0	0.83	21.25	17.33	0	0.00	0.00	0.00	0.00
10-	13	1521.9	1.0	1523.4	1520.0	13	-0.2	0.6	-1.5	18	19.24	0.68	21.01	18.07	18	-0.08	-0.76
20-	13	1521.8	0.9	1523.2	1520.1	13	0.1	3.0	-1.5	18	19.20	0.59	20.79	18.49	18	-0.10	-0.67
30-	13	1521.8	0.8	1523.0	1520.2	13	-0.0	0.3	-0.9	18	19.13	0.50	20.58	18.48	17	-0.24	-1.33
50-	13	1521.8	0.6	1522.8	1520.5	13	0.0	0.6	-0.8	18	19.00	0.41	20.21	18.47	18	-0.17	-0.56
75-	13	1521.9	0.4	1522.5	1520.9	13	0.1	0.6	-0.4	18	18.88	0.35	19.84	18.46	18	-0.16	-0.45
100-	13	1522.0	0.4	1522.5	1521.2	13	0.1	0.6	-0.4	18	18.75	0.30	19.47	18.44	18	-0.15	-0.45
125-	13	1522.2	0.5	1522.6	1521.1	13	0.2	0.6	-0.5	18	18.64	0.23	19.16	18.26	18	-0.14	-0.54
150-	13	1522.3	0.6	1522.9	1520.9	13	0.2	0.6	-0.2	18	18.53	0.19	18.70	18.05	18	-0.13	-0.61
200-	13	1522.7	0.7	1523.4	1520.8	13	0.2	0.6	-0.1	18	18.32	0.22	18.60	17.77	18	-0.12	-0.30
250-	13	1523.2	0.6	1524.1	1521.7	13	0.3	0.5	0.1	18	18.17	0.23	18.54	17.79	18	-0.08	-0.22
300-	13	1523.5	0.6	1524.8	1522.6	13	0.2	0.6	-0.3	18	18.02	0.23	18.50	17.63	18	-0.09	-0.22
400-	13	1523.9	0.9	1525.5	1522.6	12	0.1	0.6	-0.3	18	17.98	0.34	18.21	16.95	18	-0.14	-0.30
500-	13	1523.4	1.5	1526.2	1520.8	13	-0.4	0.2	-1.2	18	16.75	0.64	17.92	15.60	17	-0.30	-0.35
600-	13	1520.7	2.0	1526.9	1517.3	13	-0.8	0.2	-1.6	18	15.23	1.02	17.48	13.41	17	-3.49	-0.67
700-	13	1515.7	3.4	1524.1	1511.2	12	-1.9	-1.4	-3.0	18	13.23	1.24	16.23	11.22	17	-0.68	-0.91
800-	13	1509.1	3.7	1517.5	1503.7	13	-2.1	-1.5	-3.0	18	10.92	1.24	13.78	8.88	18	-0.74	-0.91
900-	13	1502.3	3.7	1510.7	1496.4	13	-1.9	-1.2	-2.4	18	8.73	1.11	11.41	6.91	18	-0.62	-0.91
1000-	12	1497.0	3.0	1504.2	1492.0	12	-1.3	-0.6	-2.1	17	7.06	0.82	9.20	5.91	17	-0.44	-0.73
1100-	12	1493.7	1.9	1498.1	1490.4	12	-0.9	-0.2	-1.9	17	5.94	0.49	7.19	5.28	17	-0.32	-0.61
1200-	10	1492.1	1.4	1494.4	1489.7	10	-0.2	0.1	-0.5	15	5.24	0.32	5.86	4.72	15	-0.15	-0.36
1300-	9	1491.9	0.9	1493.1	1490.4	9	0.0	0.2	-0.4	14	4.83	0.22	5.13	4.47	14	-0.12	-0.27
1400-	9	1492.3	0.6	1493.0	1491.1	9	0.2	0.3	0.0	14	4.54	0.16	4.74	4.26	14	-0.08	-0.12
1500-	9	1493.2	0.5	1493.7	1492.1	9	0.3	0.3	0.2	14	4.34	0.13	4.54	4.10	14	-0.06	-0.09
1750-	8	1495.7	0.4	1496.5	1495.1	8	0.4	0.6	0.2	13	3.96	0.10	4.16	3.81	13	-0.04	-0.06
2000-	8	1499.0	0.3	1499.6	1498.6	7	0.4	0.5	0.4	13	3.71	0.08	3.87	3.52	12	-0.03	-0.04
2500-	7	1505.9	0.3	1506.3	1505.3	7	0.4	0.5	0.4	12	3.29	0.11	3.42	3.11	12	-0.03	-0.04
3000-	6	1512.6	0.4	1513.7	1512.0	6	0.4	0.5	0.2	11	2.95	0.12	3.06	2.71	11	-0.03	-0.04
4000-	6	1527.5	0.0	1527.7	1527.3	6	0.5	0.6	0.4	11	2.29	0.04	2.39	2.24	11	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	16	1527.9	1.5	1531.5	1525.6	0	0.0	0.0	0.0	16	21.48	0.60	22.94	20.59	0	0.00	0.00	0.00
10.	16	1526.9	1.7	1531.4	1524.4	16	-3.2	-0.3	-5.8	16	21.05	0.67	22.83	20.11	16	-1.43	-0.34	-2.50
20.	16	1526.0	2.0	1531.2	1523.6	16	-2.9	-0.3	-5.2	16	20.63	0.75	22.68	19.75	16	-1.26	-0.37	-2.13
30.	16	1525.2	2.2	1530.9	1523.3	16	-2.3	0.4	-4.3	16	20.28	0.84	22.48	19.56	16	-1.04	-0.30	-1.83
50.	16	1524.0	2.4	1529.7	1522.4	16	-2.0	-0.2	-5.1	16	19.71	0.88	21.86	19.11	16	-0.92	-0.24	-1.93
75.	16	1523.3	2.0	1528.9	1521.9	16	-0.7	0.2	-2.9	16	19.32	0.71	21.25	18.81	16	-0.45	-0.07	-1.30
100.	16	1522.9	1.9	1529.1	1521.6	16	-0.2	0.6	-1.2	16	19.03	0.67	21.18	18.55	16	-0.29	-0.05	-0.67
125.	16	1522.5	1.3	1526.1	1520.6	16	-0.6	0.2	-3.7	16	18.73	0.46	19.99	18.10	16	-0.36	-0.06	-1.45
150.	16	1522.3	1.0	1524.5	1520.0	15	-0.2	0.4	-2.0	16	18.53	0.36	19.30	17.77	16	-0.23	-0.06	-0.84
200.	16	1522.4	1.0	1524.6	1520.0	16	0.1	0.6	-1.2	16	18.28	0.33	19.02	17.49	16	-0.13	-0.03	-0.56
250.	16	1522.7	0.9	1524.3	1520.2	16	0.2	0.4	-0.7	16	18.10	0.31	18.64	17.29	16	-0.11	-0.02	-0.43
300.	16	1523.0	1.2	1524.7	1519.7	16	0.1	0.6	-0.6	16	17.93	0.39	18.52	16.90	16	-0.10	-0.02	-0.37
400.	16	1523.5	2.2	1525.8	1517.2	16	0.2	0.5	-0.6	16	17.57	0.68	18.33	15.54	16	-0.09	-0.02	-0.30
500.	16	1522.9	3.4	1527.1	1514.2	16	-0.2	0.6	-1.2	16	16.86	1.05	18.19	14.25	16	-0.25	-0.06	-0.55
600.	16	1520.2	4.9	1528.2	1509.3	16	-1.1	0.3	-1.6	16	15.55	1.46	19.01	12.37	16	-0.50	-0.06	-0.69
700.	16	1515.5	6.2	1528.1	1503.7	16	-1.6	-0.2	-2.4	16	13.69	1.78	17.47	10.40	16	-0.60	-0.18	-0.82
800.	16	1509.2	7.0	1525.0	1497.8	16	-2.3	-1.2	-3.0	16	11.46	1.94	15.97	8.41	16	-0.77	-0.43	-0.99
900.	16	1502.3	6.2	1517.2	1494.0	15	-2.0	-1.2	-3.0	16	9.17	1.64	13.21	7.00	15	-0.68	-0.45	-1.01
1000.	16	1496.8	4.6	1508.0	1490.6	15	-1.5	-0.2	-2.8	16	7.29	1.16	10.20	5.75	16	-0.52	-0.18	-0.89
1100.	16	1493.5	2.6	1500.3	1490.1	16	-0.9	0.2	-2.3	16	6.04	0.65	7.76	5.20	16	-0.37	-0.08	-0.74
1200.	15	1491.9	1.4	1495.7	1490.1	14	-0.2	0.2	-1.2	15	5.24	0.35	6.20	4.80	15	-0.18	-0.08	-0.42
1300.	15	1491.9	0.9	1494.0	1490.6	15	-0.0	0.2	-0.5	15	4.83	0.23	5.36	4.52	15	-0.13	-0.08	-0.26
1400.	15	1492.2	0.7	1493.5	1490.9	14	0.1	0.3	0.1	15	4.52	0.16	4.83	4.21	15	-0.08	-0.05	-0.12
1500.	15	1493.0	0.6	1494.0	1491.5	14	0.2	0.3	0.1	15	4.30	0.14	4.55	3.96	15	-0.06	-0.02	-0.03
1750.	15	1495.7	0.4	1496.2	1494.5	15	0.3	0.4	0.3	15	3.94	0.09	4.06	3.67	15	-0.04	-0.02	-0.05
2000.	15	1498.9	0.3	1499.3	1497.8	14	0.4	0.5	0.3	15	3.70	0.08	3.79	3.44	15	-0.03	-0.02	-0.04
2500.	14	1505.9	0.3	1506.5	1505.1	14	0.4	0.6	0.4	15	3.33	0.08	3.48	3.16	15	-0.02	-0.02	-0.03
3000.	13	1512.6	0.3	1513.3	1511.9	13	0.4	0.4	0.4	13	2.89	0.08	3.05	2.73	13	-0.03	-0.02	-0.04
4000.	9	1527.5	0.0	1527.8	1527.3	7	0.5	0.6	0.5	9	2.31	0.04	2.37	2.26	9	-0.01	-0.00	-0.01
5000.	2	1545.4	0.1	1545.4	1545.3	2	0.5	0.6	0.5	2	2.31	0.01	2.32	2.30	2	0.00	0.00	0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SOIL 115 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	43	1534.9	2.3	1540.3	1530.1	0	0.0	0.0	0.0	0.0	43	24.35	0.97	26.59	22.38	
10.	43	1533.6	2.1	1537.8	1529.2	43	-4.5	1.5	-14.5	43	23.72	0.87	25.54	21.97	43	
20.	43	1531.6	2.5	1536.9	1526.6	43	-5.9	0.3	-16.2	43	22.85	1.02	25.12	20.88	43	
30.	44	1529.7	2.9	1536.4	1522.9	44	-6.0	1.8	-12.8	44	21.99	1.14	24.84	19.46	44	
50.	44	1526.3	3.4	1535.7	1518.7	44	-3.9	1.4	-10.2	44	20.58	1.28	24.27	17.87	44	
75.	44	1524.2	2.5	1532.1	1518.8	43	-2.2	0.1	-5.2	44	19.65	0.91	22.70	17.74	44	
100.	44	1523.0	2.0	1529.1	1518.9	44	-0.7	-0.3	-3.0	44	19.08	0.73	21.33	17.65	44	
125.	44	1522.7	1.6	1527.2	1519.3	44	-0.5	0.5	-2.3	44	18.80	0.56	20.41	17.65	44	
150.	44	1522.4	1.3	1525.9	1519.8	44	-0.2	0.6	-1.1	44	18.57	0.45	19.76	17.66	44	
200.	44	1522.3	0.8	1524.6	1520.6	43	0.1	3.0	-1.0	44	18.25	0.31	19.04	17.66	44	
250.	44	1522.5	0.7	1524.3	1519.7	43	0.2	3.8	-1.0	44	18.05	0.25	18.65	17.25	43	
300.	44	1522.8	0.7	1524.7	1519.0	43	0.3	1.5	-0.5	44	17.87	0.26	18.33	16.69	43	
400.	44	1523.2	1.3	1525.7	1516.1	40	0.1	0.5	-0.6	44	17.45	0.42	17.94	15.31	44	
500.	44	1522.1	2.4	1525.0	1511.3	38	-0.7	0.5	-1.5	44	16.60	0.72	17.51	13.47	41	
600.	43	1518.7	3.3	1525.3	1504.5	38	-1.4	-0.6	-3.0	43	15.08	0.97	17.08	11.08	39	
700.	43	1513.6	3.9	1520.2	1498.9	40	-1.7	-0.8	-3.0	43	13.13	1.08	15.04	9.15	40	
800.	43	1507.3	3.9	1514.4	1494.3	41	-2.3	-0.9	-4.1	43	10.92	1.04	12.88	7.55	41	
900.	41	1500.7	3.5	1507.9	1492.0	36	-1.8	2.4	-2.8	41	8.73	0.91	10.60	6.55	37	
1000.	40	1496.3	3.0	1502.7	1489.4	37	-1.3	-0.5	-4.4	40	7.16	0.75	8.84	5.43	40	
1100.	39	1493.5	2.0	1496.4	1488.9	39	-0.6	-0.2	-1.6	40	6.04	0.50	6.75	4.90	40	
1200.	38	1492.3	1.7	1494.7	1488.9	36	-0.2	0.3	-0.8	39	5.34	0.40	5.92	4.50	39	
1300.	38	1492.1	1.2	1494.6	1489.7	38	-0.0	0.5	-0.4	39	4.88	0.29	5.49	4.30	39	
1400.	38	1492.4	1.0	1495.1	1490.5	37	0.1	0.4	-1.7	39	4.55	0.23	5.18	4.12	38	
1500.	36	1493.1	0.9	1496.2	1490.9	35	0.2	0.6	-0.0	37	4.31	0.22	5.04	3.81	37	
1750.	26	1495.6	0.8	1498.8	1494.3	26	0.3	0.4	0.2	27	3.91	0.19	4.66	3.61	27	
2000.	22	1498.7	0.6	1501.3	1497.7	19	0.4	0.5	0.3	23	3.66	0.15	4.24	3.41	22	
2500.	16	1505.6	0.5	1507.0	1504.6	13	0.4	0.5	0.4	18	3.26	0.12	3.62	3.04	18	
3000.	8	1512.3	1.1	1515.0	1511.4	6	0.4	0.5	0.2	14	2.82	0.21	3.48	2.61	14	
4000.	4	1527.2	0.0	1527.3	1527.1	3	0.5	0.5	0.5	10	2.28	0.06	2.41	2.20	10	

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT						
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	
0.	14	1538.5	1.7	1541.5	1535.8	0	0.0	0.0	0.0	0.0	0.0	0.0	15	25.92	0.76	27.20	24.95	0	0.00
10.	14	1538.1	2.0	1541.0	1534.8	14	-1.3	3.0	-8.5	15	25.62	0.88	27.19	24.13	15	-0.86	1.22	-3.95	
20.	15	1536.9	2.3	1541.6	1533.3	13	-5.0	1.5	-18.3	15	25.04	1.01	27.28	23.45	15	-2.34	0.30	-7.62	
30.	15	1533.5	2.5	1540.6	1529.9	14	-9.9	-3.0	-27.1	15	23.50	1.11	26.69	22.00	14	-4.42	-1.52	-11.58	
50.	15	1529.1	2.7	1537.1	1526.0	15	-5.0	-3.0	-10.5	15	21.64	1.09	24.97	20.40	15	-2.19	-0.30	-4.31	
75.	15	1526.8	2.4	1532.6	1523.8	15	-1.9	-0.6	-4.8	15	20.58	0.99	22.90	19.49	15	-0.97	-0.49	-2.13	
100.	15	1525.4	1.9	1529.3	1523.0	15	-1.7	-0.9	-3.0	15	19.90	0.71	21.41	19.04	15	-0.84	-0.45	-1.37	
125.	15	1524.2	1.7	1527.1	1522.0	15	-1.5	-0.7	-2.7	15	19.32	0.60	20.41	18.56	15	-0.70	-0.46	-1.22	
150.	15	1523.4	1.4	1526.4	1521.6	14	-0.7	-0.6	-1.5	15	18.90	0.50	19.91	18.27	14	-0.43	-0.14	-0.75	
200.	14	1522.9	0.9	1525.1	1521.6	14	-0.2	0.3	-1.0	14	18.46	0.31	19.17	18.02	14	-0.22	-0.03	-0.45	
250.	14	1523.0	0.6	1524.2	1522.1	14	0.0	0.6	-1.0	14	18.21	0.22	18.61	17.91	14	-0.15	-0.03	-0.29	
300.	14	1523.1	0.5	1523.9	1522.3	14	0.2	1.0	-0.1	14	17.98	0.16	18.24	17.71	14	-0.11	-0.02	-0.21	
400.	14	1523.5	0.7	1524.7	1522.0	12	0.2	0.9	-0.4	14	17.57	0.24	17.95	17.08	13	-0.12	-0.02	-0.30	
500.	14	1522.6	1.6	1525.7	1520.0	13	-0.5	0.4	-1.0	14	16.77	0.52	17.78	15.94	14	-0.33	-0.03	-0.49	
600.	14	1519.6	2.7	1524.3	1516.4	14	-1.2	0.2	-2.2	14	15.34	0.83	17.44	14.43	14	-0.49	-0.10	-0.79	
700.	14	1515.1	3.9	1524.8	1511.0	14	-1.6	-1.0	-2.6	14	13.56	1.14	16.45	12.39	14	-0.56	-0.14	-0.84	
800.	14	1508.6	4.4	1519.9	1503.7	14	-2.3	-1.5	-3.3	14	11.28	1.24	14.45	9.93	14	-0.75	-0.35	-1.09	
900.	14	1502.7	4.2	1513.2	1497.8	13	-1.7	-0.8	-2.4	14	9.24	1.11	12.08	7.98	13	-0.59	-0.23	-0.82	
1000.	14	1497.6	3.2	1506.1	1493.7	14	-1.6	-1.1	-3.0	14	7.50	0.82	9.72	6.51	14	-0.50	-0.23	-0.73	
1100.	14	1494.5	2.2	1500.5	1491.5	13	-0.7	0.1	-1.9	14	6.30	0.54	7.79	5.55	14	-0.30	-0.10	-0.62	
1200.	14	1493.3	1.3	1496.8	1491.9	14	-0.2	0.1	-0.6	14	5.58	0.32	6.45	5.25	14	-0.17	-0.09	-0.27	
1300.	14	1493.1	1.2	1496.2	1491.7	14	0.0	0.2	-0.2	14	5.13	0.28	5.96	4.79	14	-0.13	-0.07	-0.19	
1400.	14	1493.4	1.0	1495.7	1492.1	13	0.1	0.2	-0.2	14	4.79	0.24	5.35	4.49	13	-0.10	-0.06	-0.15	
1500.	14	1494.0	0.8	1495.6	1493.0	14	0.2	0.4	0.2	14	4.53	0.19	4.91	4.30	14	-0.07	-0.04	-0.13	
1750.	14	1496.1	0.4	1496.8	1495.6	14	0.3	0.3	0.2	14	4.04	0.10	4.19	3.91	14	-0.05	-0.04	-0.07	
2000.	14	1499.1	0.3	1499.7	1498.6	13	0.4	0.4	0.3	14	3.75	0.07	3.87	3.64	14	-0.03	-0.02	-0.05	
2500.	13	1505.6	0.3	1506.5	1505.2	12	0.4	0.4	0.4	13	3.27	0.08	3.49	3.17	13	-0.03	-0.02	-0.04	
3000.	10	1512.3	0.2	1512.8	1511.9	9	0.4	0.4	0.3	13	2.82	0.07	2.94	2.71	13	-0.03	-0.02	-0.04	
4000.	5	1527.5	0.2	1527.9	1527.3	4	0.5	0.5	0.5	9	2.30	0.04	2.38	2.27	9	-0.01	-0.01	-0.02	

SUNARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	6	1541.7	2.6	1544.1	1538.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	6	1541.6	2.4	1543.8	1538.6	6	-0.3	0.6	-2.4	-0.3	9	-0.32	-0.03	-1.31
20.	6	1541.3	2.3	1543.8	1538.5	6	-0.9	0.3	-3.0	-0.9	9	-0.57	-0.09	-1.62
30.	6	1537.9	3.0	1540.5	1533.1	6	-14.6	-9.1	-19.5	-14.6	9	-7.61	-4.30	-9.83
40.	6	1529.8	2.2	1531.8	1525.8	6	-9.8	-4.6	-16.6	-9.8	9	-4.39	-1.83	-7.22
50.	6	1525.8	2.3	1528.7	1522.2	6	-4.2	-2.9	-5.9	-4.2	9	-1.70	-0.91	-2.45
75.	6	1523.4	1.8	1526.6	1521.3	6	-1.4	-1.0	-3.5	-1.4	9	-0.75	-0.30	-1.44
100.	6	1522.8	1.6	1525.6	1520.9	6	-0.8	-0.2	-1.2	-0.8	9	-0.44	-0.29	-0.65
125.	6	1522.4	1.4	1524.7	1520.6	6	-0.5	-0.2	-1.1	-0.5	9	-0.31	-0.19	-0.57
150.	6	1522.5	0.6	1523.4	1522.1	4	-0.1	0.4	-0.8	-0.1	7	-0.18	-0.09	-0.43
200.	4	1522.8	0.4	1523.4	1522.3	4	0.2	0.3	0.1	0.1	7	-0.11	-0.07	-0.13
250.	4	1523.0	0.3	1523.4	1522.7	4	0.4	0.8	0.1	0.1	5	-0.06	-0.06	-0.16
300.	4	1523.2	0.6	1524.0	1522.7	4	-0.3	0.2	-0.6	-0.3	4	-0.21	-0.11	-0.33
400.	4	1521.5	1.8	1524.2	1520.3	4	-0.5	0.1	-0.7	-0.5	4	-0.31	-0.14	-0.33
500.	4	1518.0	2.9	1522.3	1515.8	4	-1.5	-0.6	-2.1	-1.5	4	-0.59	-0.34	-0.78
600.	4	1512.0	3.8	1517.6	1509.2	4	-1.8	-1.4	-2.0	-1.8	4	-0.67	-0.57	-0.73
700.	4	1506.0	3.6	1511.3	1503.4	4	-2.1	-1.6	-3.0	-2.1	4	-0.74	-0.58	-1.07
800.	4	1499.4	2.0	1502.3	1498.0	4	-2.0	-1.5	-2.7	-2.0	4	-0.65	-0.50	-0.87
900.	4	1495.0	1.8	1497.6	1493.4	4	-1.0	-0.6	-1.2	-1.0	4	-0.39	-0.30	-0.45
1000.	4	1492.5	2.0	1495.0	1490.1	4	-0.8	-0.5	-1.0	-0.8	4	-0.32	-0.25	-0.37
1100.	4	1491.5	1.7	1493.3	1489.1	4	-0.0	0.1	-0.2	-0.0	4	-0.15	-0.09	-0.13
1200.	4	1491.4	1.3	1492.9	1489.7	4	-0.0	0.2	-0.1	-0.0	4	-0.12	-0.08	-0.15
1300.	4	1491.8	1.0	1492.8	1489.4	4	0.1	0.2	0.0	0.1	4	-0.09	-0.07	-0.13
1400.	4	1492.6	0.8	1493.1	1491.3	4	0.2	0.3	0.1	0.1	4	-0.08	-0.06	-0.10
1500.	4	1495.1	0.5	1495.7	1494.6	4	0.4	0.4	0.3	0.3	4	-0.03	-0.02	-0.04
1750.	4	1498.5	0.4	1499.0	1498.1	4	0.4	0.4	0.4	0.4	4	-0.03	-0.01	-0.04
2000.	3	1505.3	0.1	1505.4	1505.2	3	0.4	0.4	0.3	0.3	3	-0.02	-0.02	-0.03
2500.	2	1512.4	0.5	1512.7	1512.0	2	0.4	0.4	0.4	0.4	2	-0.03	-0.03	-0.03

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	4	1519.2	1.1	1540.0	1537.6	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	4	1519.3	1.0	1539.8	1537.8	4	0.8	3.0	-0.6	-0.55	4	-0.15	-0.06	-0.55
20.	4	1519.4	0.7	1539.9	1538.0	4	-0.1	0.4	-1.0	-0.61	4	-0.16	-0.04	-0.61
30.	4	1519.1	1.2	1540.1	1537.9	3	-7.6	0.5	-14.2	-7.01	3	-3.86	-4.57	-7.01
40.	4	1514.4	3.5	1538.0	1530.7	4	-7.3	-4.8	-12.2	-5.06	4	-3.22	-2.01	-5.06
50.	4	1528.8	3.6	1534.1	1526.1	4	-6.6	-4.6	-9.1	-3.71	4	-2.64	-1.92	-3.71
60.	4	1525.1	3.7	1530.5	1522.7	4	-2.5	-1.0	-4.3	-1.89	4	-1.13	-0.54	-1.89
75.	4	1523.7	3.3	1528.3	1521.0	4	-1.3	-1.0	-2.0	-0.94	4	-0.54	-0.50	-0.94
100.	4	1522.8	2.9	1526.9	1520.2	4	-0.8	-0.7	-1.7	-0.80	4	-0.49	-0.24	-0.80
150.	4	1522.0	2.4	1525.1	1519.4	4	-0.3	-0.3	-1.0	-0.32	4	-0.30	-0.18	-0.54
200.	4	1521.6	2.4	1524.4	1518.6	4	-0.1	0.1	-0.3	-0.15	4	-0.22	-0.15	-0.30
300.	4	1521.3	3.1	1523.9	1516.9	4	-0.0	0.7	-1.0	-0.47	4	-0.17	0.05	-0.47
400.	4	1519.4	6.6	1523.8	1509.6	4	-0.9	-0.8	-2.0	-0.86	4	-0.44	-0.17	-0.86
500.	4	1516.5	8.6	1523.7	1504.0	4	-1.1	-0.0	-1.9	-0.70	4	-0.46	-0.17	-0.70
600.	4	1511.7	9.5	1521.3	1498.9	4	-1.7	-1.3	-2.4	-0.86	4	-0.63	-0.53	-0.86
700.	4	1505.6	8.8	1514.4	1494.1	4	-2.0	-1.5	-2.4	-0.75	4	-0.69	-0.52	-0.75
800.	4	1499.8	7.5	1507.2	1490.7	4	-1.7	-0.8	-2.2	-0.64	4	-0.60	-0.34	-0.75
900.	4	1494.8	5.7	1500.8	1488.5	4	-1.5	-0.7	-2.0	-0.52	4	-0.52	-0.29	-0.64
1000.	3	1493.0	3.0	1495.8	1489.9	3	-1.1	-0.4	-1.5	-0.48	4	-0.36	-0.19	-0.52
1100.	3	1491.1	1.9	1492.9	1489.1	3	-0.2	-0.2	-0.3	-0.41	4	-0.17	-0.11	-0.25
1200.	3	1490.9	1.8	1492.9	1489.4	3	0.0	0.1	-0.3	-0.36	3	-0.14	-0.10	-0.20
1300.	3	1491.3	1.6	1493.0	1489.0	3	0.1	0.3	0.0	-0.36	3	-0.09	-0.06	-0.12
1400.	3	1491.8	1.3	1493.2	1490.6	2	0.2	0.2	0.2	-0.36	3	-0.08	-0.06	-0.11
1500.	3	1492.6	0.9	1493.6	1491.8	3	0.2	0.4	0.1	-0.36	3	-0.06	-0.03	-0.10
1750.	2	1495.4	0.5	1495.7	1495.0	1	0.4	0.4	0.4	-0.36	2	-0.03	-0.03	-0.03
2000.	1	1498.4	0.0	1498.4	1498.9	1	0.4	0.4	0.4	-0.36	2	-0.03	-0.03	-0.03
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-0.36	2	-0.03	-0.03	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	-0.36	2	-0.02	-0.02	-0.03

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	42	1539.0	1.3	1541.3	1535.9	0	0.0	0.0	0.0	71	26.13	0.53	27.10	24.46	0	0.00	0.00	0.00		
10.	42	1539.1	1.3	1541.5	1535.9	42	0.2	3.0	-4.7	71	26.07	0.52	27.12	24.54	71	-0.19	0.61	-3.11		
20.	42	1539.1	1.4	1541.7	1535.9	42	0.2	1.8	-4.6	71	25.99	0.57	27.12	24.63	71	-0.27	0.37	-2.90		
30.	42	1538.9	1.6	1541.8	1534.9	42	-2.3	0.9	-12.2	71	25.79	0.67	27.10	24.03	71	-1.11	0.09	-7.01		
40.	42	1536.1	2.4	1540.3	1531.0	39	-8.6	0.6	-33.5	73	24.54	1.01	26.25	22.33	72	-3.74	0.06	-15.14		
50.	43	1530.0	2.2	1535.0	1525.6	43	-5.6	-0.6	-9.1	73	21.91	0.76	23.80	20.11	73	-2.47	-0.37	-4.36		
100.	43	1526.6	2.0	1531.8	1523.3	42	-3.0	-0.9	-7.4	73	20.41	0.62	22.32	19.11	73	-1.21	-0.46	-2.93		
125.	43	1524.8	1.5	1528.9	1522.6	43	-2.1	-0.7	-3.8	72	19.61	0.48	21.06	18.78	72	-0.94	-0.40	-1.63		
150.	43	1523.6	1.0	1526.3	1522.2	43	-1.2	0.6	-8.5	72	19.02	0.31	19.91	18.51	72	-0.64	-0.10	-3.32		
200.	43	1522.8	0.6	1524.5	1521.7	42	-0.1	0.8	-1.3	72	18.34	0.19	19.00	17.92	72	-0.17	-0.04	-0.64		
250.	43	1524.2	0.3	1524.2	1521.8	42	0.0	1.0	-1.1	72	18.11	0.15	18.67	17.67	72	-0.13	-0.04	-0.50		
300.	43	1523.0	0.3	1523.9	1521.0	42	0.2	1.0	-0.2	72	17.90	0.16	18.23	17.29	72	-0.11	-0.04	-0.27		
400.	43	1523.3	0.8	1524.2	1519.4	43	0.1	0.5	-1.0	72	17.45	0.25	17.81	16.29	72	-0.13	-0.03	-0.41		
500.	43	1522.3	1.6	1524.4	1517.0	41	-0.5	0.	-1.5	72	16.69	0.49	17.35	15.06	72	-0.28	-0.10	-0.54		
600.	43	1518.8	2.3	1522.8	1512.9	42	-1.4	-0.5	-2.3	71	15.20	0.71	16.34	13.38	71	-0.56	-0.31	-0.84		
700.	43	1513.3	2.9	1518.1	1507.1	43	-1.8	-0.7	-3.0	71	13.13	0.85	14.43	10.34	71	-0.68	-0.16	-1.21		
800.	41	1507.0	3.0	1511.7	1501.2	41	-2.2	-1.4	-3.0	71	10.77	0.83	12.11	8.19	71	-0.78	-0.37	-1.59		
900.	40	1500.4	2.5	1505.3	1496.0	40	-1.9	-1.2	-2.7	71	6.52	0.93	9.96	2.98	71	-0.64	-0.39	-1.59		
1000.	40	1498.0	1.7	1501.1	1492.6	39	-1.1	-0.3	-1.9	71	6.98	0.52	8.39	5.15	71	-0.37	1.88	-0.62		
1100.	40	1493.4	1.2	1497.6	1491.3	40	-0.6	0.2	-1.2	70	5.96	0.32	7.07	5.24	70	-0.27	-0.36	-0.43		
1200.	40	1492.4	1.0	1496.1	1490.5	38	-0.1	0.5	-0.8	69	5.31	0.22	6.28	4.75	69	-0.14	-0.32	-0.31		
1300.	40	1492.4	0.7	1495.1	1491.1	40	0.0	0.5	-0.3	69	4.92	0.17	5.61	4.45	69	-0.12	-0.32	-0.20		
1400.	40	1492.8	0.6	1494.5	1491.7	40	0.1	0.4	-0.2	69	4.60	0.14	5.06	4.25	69	-0.09	-0.32	-0.17		
1500.	34	1493.4	0.7	1496.0	1492.3	39	0.2	0.5	0.1	68	4.35	0.15	5.00	4.06	68	-0.07	-0.32	-0.13		
1700.	34	1493.8	0.5	1496.7	1494.7	34	0.3	0.4	0.2	63	3.91	0.13	4.17	3.67	63	-0.05	-0.02	-0.09		
2000.	22	1449.0	0.2	1499.5	1498.5	20	0.4	0.4	0.3	35	3.69	0.07	3.85	3.56	35	-0.03	-0.01	-0.05		
2500.	20	1505.3	0.0	1505.6	1505.0	20	0.4	0.7	0.4	75	3.22	0.05	3.32	3.13	25	-0.03	-0.01	-0.04		
3000.	13	1511.8	0.1	1512.6	1511.5	17	0.4	0.5	0.4	22	2.74	0.06	2.90	2.65	21	-0.03	-0.02	-0.04		
4000.	14	1527.5	0.5	1529.6	1527.1	14	0.5	0.5	0.5	16	2.30	0.12	2.74	2.23	16	-0.01	-0.00	-0.15		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	
0.	14	1536.1	1.3	1536.2	1529.9	0	0.0	0.0	0.0	0.0	14	24.02	0.77	24.80	22.31	
10.	14	1534.5	1.6	1536.3	1530.1	14	1.3	11.6	0.3	0.3	14	24.12	0.68	24.83	22.29	
20.	14	1534.0	1.7	1536.6	1530.2	13	0.7	3.0	-0.4	-0.4	14	24.18	0.71	24.96	22.28	
30.	14	1535.0	1.7	1536.7	1530.3	15	0.3	0.7	0.3	0.3	15	24.19	0.69	24.96	22.27	
40.	15	1534.4	1.5	1537.0	1530.6	15	-1.1	4.0	-7.9	-7.9	15	24.03	0.65	24.96	22.25	
50.	15	1533.3	3.0	1537.4	1528.9	15	-3.2	0.7	-10.6	-10.6	15	23.19	1.25	24.95	21.42	
75.	15	1531.1	4.6	1537.9	1526.8	15	-2.7	0.7	-5.9	-5.9	15	22.15	1.77	24.97	19.72	
100.	14	1529.3	4.9	1537.0	1522.6	14	-3.0	0.4	-5.2	-5.2	15	21.15	1.91	24.38	18.80	
125.	14	1527.3	4.0	1533.1	1521.8	13	-2.5	0.4	-5.0	-5.0	15	20.16	1.48	22.54	18.38	
150.	14	1524.4	1.9	1527.7	1521.4	13	-1.6	0.4	-3.1	-3.1	15	18.96	0.67	20.15	17.98	
175.	14	1523.6	1.1	1525.4	1521.7	14	-0.1	1.5	-1.1	-1.1	15	18.41	0.38	19.05	17.80	
200.	14	1523.6	0.9	1525.1	1521.8	14	-0.0	0.3	-0.9	-0.9	14	18.14	0.30	18.66	17.55	
225.	14	1523.7	1.1	1525.2	1520.8	14	0.1	0.8	-0.5	-0.5	14	17.45	0.37	18.13	16.72	
250.	14	1523.1	2.2	1525.4	1517.7	14	-0.3	0.6	-1.1	-1.1	14	15.92	0.69	17.66	15.27	
275.	14	1520.6	3.5	1525.0	1513.9	14	-1.2	0.0	-2.1	-2.1	14	15.66	1.05	17.00	13.67	
300.	14	1514.8	4.0	1520.9	1509.3	14	-2.0	-1.4	-3.7	-3.7	14	13.46	1.16	15.26	11.90	
325.	13	1507.3	5.7	1515.8	1495.5	13	-2.3	-1.4	-4.7	-4.7	13	10.44	1.54	13.28	7.81	
350.	13	1500.5	5.2	1507.6	1487.6	13	-2.0	-1.1	-3.3	-3.3	13	8.67	1.34	10.55	5.41	
375.	12	1495.5	3.3	1500.9	1487.8	11	-1.2	0.1	-2.0	-2.0	12	6.07	0.93	8.37	5.05	
400.	12	1493.1	2.0	1496.3	1488.4	11	-0.6	0.2	-1.4	-1.4	12	5.95	0.49	6.75	4.81	
425.	10	1492.4	1.3	1494.1	1489.7	9	-0.1	0.4	-0.4	-0.4	11	4.37	0.31	5.77	4.72	
450.	10	1492.3	0.9	1493.4	1490.4	10	0.0	0.4	-0.3	-0.3	10	4.22	0.23	5.19	4.48	
475.	9	1492.5	0.6	1493.3	1491.6	9	0.1	0.4	-0.1	-0.1	9	4.57	0.15	4.77	4.37	
500.	8	1493.2	0.5	1494.0	1492.5	8	0.2	0.4	0.2	0.2	9	4.34	0.12	4.53	4.18	
525.	8	1495.9	0.4	1496.6	1495.4	7	0.3	0.4	0.3	0.3	8	4.00	0.08	4.15	3.88	
550.	7	1499.1	0.3	1499.6	1498.8	7	0.4	0.4	0.4	0.4	7	3.74	0.07	3.87	3.69	
575.	6	1505.8	0.3	1506.2	1505.4	5	0.4	0.4	0.4	0.4	6	3.31	0.07	3.41	3.23	
600.	6	1512.4	0.4	1513.1	1512.1	6	0.4	0.4	0.4	0.4	6	2.85	0.09	3.00	2.78	
625.	4	1527.6	0.2	1527.8	1527.4	4	0.5	0.5	0.4	0.4	6	2.31	0.04	2.36	2.27	

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 115 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	NO	AVG	MAX	MIN
0.	1	1530.4	0.0	1530.4	1	0.0	0.0	0.0	1	22.31	0.00	22.31	1	0.00	0.00	0.00
10.	1	1530.5	0.0	1530.5	1	0.0	0.3	0.3	1	22.31	0.00	22.31	1	0.00	0.00	0.00
20.	1	1530.7	0.0	1530.7	1	0.6	0.6	0.6	1	22.32	0.00	22.32	1	0.03	0.03	0.03
30.	1	1530.9	0.0	1530.9	1	0.6	0.6	0.6	1	22.32	0.00	22.32	1	0.00	0.00	0.00
40.	1	1531.2	0.0	1531.2	1	0.5	0.5	0.5	1	22.33	0.00	22.33	1	0.02	0.02	0.02
50.	1	1530.2	0.0	1530.2	1	1.2	1.2	1.2	1	21.80	0.00	21.80	1	-0.65	-0.65	-0.65
100.	1	1529.0	0.0	1529.0	1	1.5	1.5	1.5	1	21.22	0.00	21.22	1	-0.71	-0.71	-0.71
125.	1	1527.0	0.0	1527.0	1	2.4	2.4	2.4	1	20.33	0.00	20.33	1	-1.09	-1.09	-1.09
150.	1	1525.3	0.0	1525.3	0	0.0	0.0	0.0	1	19.57	0.00	19.57	0	0.00	0.00	0.00
200.	1	1522.9	0.0	1522.9	1	0.0	0.0	0.0	1	18.45	0.00	18.45	1	-0.30	-0.30	-0.30
250.	1	1522.6	0.0	1522.6	1	0.1	0.2	0.2	1	16.08	0.00	18.08	1	-0.23	-0.23	-0.23
300.	1	1522.3	0.0	1522.3	1	0.0	0.0	0.0	1	17.72	0.00	17.72	1	-0.15	-0.15	-0.15
400.	1	1521.8	0.0	1521.8	1	0.0	0.0	0.0	1	17.01	0.00	17.01	1	-0.30	-0.30	-0.30
500.	1	1519.4	0.0	1519.4	1	0.4	0.4	0.4	1	15.78	0.00	15.78	1	-0.26	-0.26	-0.26
600.	1	1516.0	0.0	1516.0	1	2.0	2.0	2.0	1	14.26	0.00	14.26	1	-0.81	-0.81	-0.81
700.	1	1509.7	0.0	1509.7	1	1.2	1.2	1.2	1	12.32	0.00	12.32	1	-0.46	-0.46	-0.46
800.	1	1504.7	0.0	1504.7	1	2.5	2.5	2.5	1	10.20	0.00	10.20	1	-0.78	-0.78	-0.78
900.	1	1498.2	0.0	1498.2	1	1.6	1.6	1.6	1	8.08	0.00	8.08	1	-0.54	-0.54	-0.54
1000.	1	1494.3	0.0	1494.3	1	0.7	0.7	0.7	1	6.65	0.00	6.65	1	-0.28	-0.28	-0.28
1100.	1	1492.7	0.0	1492.7	1	0.5	0.5	0.5	1	5.84	0.00	5.84	1	-0.25	-0.25	-0.25
1200.	1	1492.0	0.0	1492.0	1	0.0	0.0	0.0	1	5.26	0.00	5.26	1	-0.11	-0.11	-0.11
1300.	1	1492.2	0.0	1492.2	1	0.1	0.1	0.1	1	4.90	0.00	4.90	1	-0.11	-0.11	-0.11
1400.	1	1492.8	0.0	1492.8	1	0.2	0.2	0.2	1	4.63	0.00	4.63	1	-0.06	-0.06	-0.06
1500.	1	1493.7	0.0	1493.7	1	0.3	0.3	0.3	1	4.44	0.00	4.44	1	-0.06	-0.06	-0.06
1750.	1	1495.9	0.0	1495.9	1	0.3	0.3	0.3	1	3.97	0.00	3.97	1	-0.06	-0.06	-0.06
2000.	1	1498.7	0.0	1498.7	1	0.2	0.2	0.2	1	3.64	0.00	3.64	1	-0.06	-0.06	-0.06
2500.	1	1504.6	0.0	1504.6	1	0.5	0.5	0.5	1	3.02	0.00	3.02	1	-0.03	-0.03	-0.03
3000.	1	1512.3	0.0	1512.3	1	0.5	0.5	0.5	1	2.81	0.00	2.81	1	-0.03	-0.03	-0.03
4000.	1	1527.5	0.0	1527.5	1	0.5	0.5	0.5	1	2.30	0.00	2.30	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SULPHIDE LIES FOR MONTH 1

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	12	1525.4	1.9	1528.5	1522.7	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	12	1525.8	1.9	1528.7	1523.0	12	0.6	1.5	0.3	0.3	12	0.04	0.30	-0.15
20.	12	1525.9	1.9	1528.9	1523.1	12	0.3	0.8	0.3	0.3	12	-0.06	0.08	-0.23
30.	12	1526.1	1.9	1529.1	1523.2	12	0.4	1.5	0.3	0.3	12	-0.09	0.06	-0.46
40.	12	1526.3	1.9	1529.4	1523.4	12	0.2	0.8	-2.0	-2.0	12	-0.10	0.08	-0.91
75.	13	1526.1	2.1	1529.3	1522.6	13	0.1	0.8	-1.2	-1.2	13	-0.14	0.03	-0.73
100.	13	1526.1	2.0	1529.5	1522.9	13	-0.1	0.8	-3.5	-3.5	13	-0.22	0.03	-1.45
125.	13	1525.9	1.9	1529.1	1522.7	13	-0.3	1.5	-2.8	-2.8	13	-0.34	0.01	-1.24
150.	13	1525.3	2.0	1528.2	1522.5	13	-0.8	0.4	-2.6	-2.6	13	-0.47	-0.08	-1.10
200.	13	1526.4	2.0	1527.9	1521.5	13	-0.5	0.8	-1.7	-1.7	13	-0.34	-0.05	-0.81
250.	12	1523.9	1.7	1527.0	1521.0	12	-0.4	0.4	-1.5	-1.5	12	-0.30	-0.02	-0.71
300.	11	1523.9	1.1	1525.3	1522.4	11	-0.1	0.2	-1.0	-1.0	11	-0.24	-0.11	-0.55
400.	11	1524.0	1.0	1525.0	1522.4	11	0.1	0.4	-0.1	-0.1	11	-0.12	-0.03	-0.22
500.	11	1523.7	1.5	1525.5	1520.8	10	-0.0	0.3	-0.6	-0.6	11	-0.21	-0.08	-0.37
600.	11	1520.8	2.7	1525.0	1516.7	10	-1.1	0.2	-2.4	-2.4	11	-0.68	-0.21	-0.91
700.	10	1515.6	4.0	1522.3	1509.9	10	-1.7	-0.9	-2.4	-2.4	10	-0.65	-0.4	-0.87
800.	10	1509.1	4.7	1518.2	1503.1	9	-2.2	-1.3	-3.0	-3.0	10	-0.72	-0.4	-0.90
900.	10	1502.5	4.7	1511.8	1497.1	9	-2.1	-1.2	-2.9	-2.9	10	-0.71	-0.44	-0.94
1000.	10	1497.1	3.6	1505.0	1492.3	10	-1.3	0.5	-2.4	-2.4	10	-0.47	-0.26	-0.77
1100.	10	1497.0	2.5	1499.8	1490.7	10	-0.8	0.2	-1.6	-1.6	10	-0.32	-0.10	-0.53
1200.	10	1492.6	1.8	1497.7	1491.0	8	-0.4	0.1	-0.7	-0.7	10	-0.21	-0.10	-0.30
1300.	9	1492.4	1.4	1495.7	1491.0	9	0.1	1.5	-0.3	-0.3	9	-0.12	-0.08	-0.44
1400.	9	1492.4	0.9	1495.8	1491.7	9	0.1	0.3	-0.3	-0.3	9	-0.09	-0.06	-0.20
1500.	9	1493.5	0.7	1495.0	1492.6	8	0.3	0.5	0.1	0.1	9	-0.06	-0.04	-0.09
1750.	9	1496.0	0.4	1496.7	1495.5	9	0.3	0.4	0.2	0.2	9	-0.04	-0.03	-0.07
2000.	9	1499.2	0.3	1499.7	1498.7	9	0.4	0.5	0.3	0.3	9	-0.03	-0.01	-0.04
2500.	9	1506.0	0.3	1506.4	1505.6	8	0.4	0.4	0.4	0.4	9	-0.02	-0.02	-0.03
3000.	8	1512.4	0.2	1513.1	1512.2	7	0.4	0.4	0.4	0.4	8	-0.03	-0.02	-0.03
4000.	5	1528.1	0.7	1529.2	1527.6	5	0.5	0.5	0.5	0.5	5	-0.01	0.00	-0.01
5000.	1	1545.3	0.0	1545.3	1545.3	1	0.5	0.5	0.5	0.5	2	-0.00	0.00	-0.00

SUMMARY FOR CLOUDPANT 2 OF MARSDEN SQUARE 115 FOR MONTH 2

DEPTH	VELOCITY				V. LOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	40	1523.4	1.8	1530.1	1521.2	0	0.0	0.0	0.0	42	19.81	0.67	22.28	18.96	0	0.00	0.00	0.00
10.	40	1523.6	1.8	1530.2	1521.2	40	0.4	1.0	-1.5	42	19.81	0.68	22.25	18.97	42	-0.02	0.15	-0.67
20.	41	1523.7	1.9	1530.4	1521.2	39	0.4	1.5	-0.9	42	19.81	0.69	22.25	18.89	42	-0.01	0.27	-0.55
30.	42	1524.0	1.9	1530.5	1521.0	41	0.4	2.1	-1.5	42	19.80	0.71	22.26	18.75	42	-0.02	0.67	-0.46
40.	42	1524.2	2.0	1530.9	1520.9	41	0.3	3.0	-1.1	42	19.76	0.74	22.26	18.60	42	-0.44	0.10	-14.63
50.	42	1524.4	2.0	1530.9	1521.3	40	0.2	1.0	-1.2	42	19.68	0.74	22.12	18.59	42	0.23	14.33	-0.61
60.	42	1524.5	1.9	1529.3	1521.7	41	-0.0	0.6	-3.0	42	19.57	0.68	21.34	18.59	41	-0.19	0.02	-1.33
70.	42	1524.4	1.7	1528.3	1521.9	41	-0.1	0.6	-3.0	42	19.42	0.61	20.89	18.52	42	-0.20	0.04	-1.19
80.	42	1524.3	1.5	1528.0	1522.1	42	-0.3	0.8	-3.0	42	19.24	0.56	20.63	18.47	42	-0.24	0.04	-1.07
90.	39	1524.2	1.4	1527.9	1522.0	38	-0.1	0.6	-1.9	39	18.89	0.50	20.26	18.16	38	-0.19	0.03	-0.87
100.	39	1524.0	1.2	1527.8	1522.1	39	-0.1	1.5	-2.1	39	1.54	0.43	19.90	17.89	39	-0.23	-0.01	-0.95
110.	38	1523.8	1.0	1527.1	1522.3	37	0.0	1.5	-1.4	39	18.71	0.34	19.35	17.71	38	-0.17	0.30	-0.64
120.	38	1523.8	0.9	1525.6	1521.9	38	0.0	0.4	-1.1	39	17.66	0.29	18.25	17.04	39	-0.15	-0.05	-0.55
130.	37	1522.9	1.6	1526.3	1519.9	36	-0.5	0.7	-1.4	38	16.85	0.50	17.93	15.92	37	-0.32	0.01	-0.61
140.	35	1519.8	2.8	1528.1	1516.0	33	-1.3	-0.2	-4.9	36	15.43	0.86	18.00	14.29	35	-0.54	-0.20	-1.68
150.	31	1516.8	3.7	1523.0	1510.7	31	-1.6	-0.1	-2.5	32	13.45	1.06	15.89	12.32	32	-0.61	-0.16	-0.84
160.	21	1510.3	4.7	1519.3	1504.3	21	-1.9	-0.7	-2.7	31	11.74	1.31	14.26	10.11	21	-0.68	-0.35	-0.88
170.	18	1504.5	5.0	1514.7	1496.6	17	-1.9	-1.1	-2.4	18	9.73	1.34	12.51	7.65	17	-0.66	-0.40	-0.81
180.	18	1499.3	4.4	1508.4	1493.6	18	-1.6	-0.7	-2.6	18	7.95	1.12	10.32	6.50	18	-0.53	-0.33	-0.82
190.	18	1495.6	3.1	1501.2	1491.3	18	-1.0	-0.4	-2.2	18	6.57	0.76	8.00	5.52	18	-0.40	-0.23	-0.71
200.	18	1493.6	2.3	1497.6	1490.1	18	-0.4	0.1	-1.1	18	5.05	0.56	6.58	4.81	18	-0.24	-0.11	-0.40
210.	18	1492.9	1.7	1495.6	1490.4	16	-0.1	0.3	-0.6	18	5.08	0.40	5.75	4.48	17	-0.25	-0.06	-1.79
220.	18	1493.0	1.1	1494.7	1491.3	18	0.1	0.3	-0.4	18	4.69	0.27	5.11	4.30	18	-0.10	-0.05	-0.23
230.	18	1491.5	0.8	1495.1	1492.1	17	0.2	0.4	-0.2	18	4.41	0.20	4.79	4.08	18	-0.09	-0.03	-0.18
240.	17	1493.8	0.6	1496.7	1494.4	16	0.3	0.5	0.2	17	3.95	0.15	4.17	3.62	17	-0.05	-0.03	-0.09
250.	13	1498.9	0.4	1499.6	1498.3	12	0.4	0.5	0.3	13	3.70	0.11	3.86	3.56	13	-0.03	-0.02	-0.05
260.	11	1503.7	0.5	1506.4	1505.0	11	0.4	0.5	0.4	11	3.30	0.12	3.44	3.11	11	-0.03	-0.01	-0.04
270.	8	1512.7	0.7	1513.8	1511.6	8	0.4	0.5	0.4	8	2.92	0.15	3.17	2.67	8	-0.02	-0.02	-0.03
280.	6	1528.0	0.6	1529.0	1527.4	5	0.5	0.5	0.5	6	2.41	0.13	2.64	2.27	5	-0.01	-0.00	-0.02

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1517.8	0.0	1517.8	1517.8	0	0.0	0.0	0.0	13	18.44	0.37	19.10	17.83	0	0.00	0.00	0.00
10.	1	1518.0	0.0	1518.0	1518.0	1	0.7	0.7	0.7	13	18.41	0.34	19.00	17.83	13	-0.11	0.03	-0.33
20.	1	1518.1	0.0	1518.1	1518.1	1	0.3	0.3	0.3	13	18.38	0.31	18.91	17.82	13	-0.09	0.03	-0.27
30.	1	1518.3	0.0	1518.3	1518.3	1	0.5	0.5	0.5	13	18.37	0.28	18.84	17.84	13	-0.00	0.19	-0.43
50.	1	1518.7	0.0	1518.7	1518.7	1	0.0	0.0	0.0	14	18.42	0.36	19.37	17.86	14	-0.09	0.03	-0.30
75.	1	1519.0	0.0	1519.0	1519.0	1	0.8	0.8	0.8	14	18.36	0.32	19.11	17.86	14	-0.04	0.01	-0.32
100.	1	1519.4	0.0	1519.4	1519.4	1	0.6	0.6	0.6	14	18.34	0.28	18.87	17.83	14	-0.04	-0.02	-0.33
125.	1	1519.8	0.0	1519.8	1519.8	1	0.5	0.5	0.5	14	18.31	0.24	18.68	17.83	14	-0.04	0.02	-0.25
150.	1	1520.3	0.0	1520.3	1520.3	1	0.8	0.8	0.8	14	18.28	0.21	18.64	17.83	14	-0.02	0.15	-0.22
200.	1	1521.1	0.0	1521.1	1521.1	1	0.6	0.6	0.6	14	18.21	0.16	18.43	17.85	14	-0.06	0.03	-0.33
250.	1	1521.9	0.0	1521.9	1521.9	1	0.5	0.5	0.5	14	18.12	0.15	18.36	17.83	14	-0.07	0.03	-0.19
300.	1	1522.4	0.0	1522.4	1522.4	1	-0.2	-0.2	-0.2	14	18.00	0.17	18.22	17.64	14	-0.09	-0.01	-0.21
400.	1	1522.7	0.0	1522.7	1522.7	1	0.1	0.1	0.1	14	17.58	0.31	18.17	16.94	14	-0.14	-0.02	-0.50
500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	14	16.69	0.79	17.88	15.02	14	-0.15	-0.15	-0.91
600.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	14	15.09	1.01	16.88	13.31	13	-0.53	-0.30	-0.80
700.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	13.15	1.16	15.31	11.12	13	-0.60	-0.53	-0.74
800.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	10.61	1.14	12.47	9.07	13	-0.74	-0.58	-1.04
900.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	8.66	0.83	9.96	7.47	13	-0.57	-0.39	-0.77
1000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	7.08	0.64	8.18	6.20	13	-0.45	-0.29	-0.70
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	5.98	0.45	6.65	5.43	13	-0.28	-0.13	-0.41
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	5.28	0.27	5.74	4.90	13	-0.19	-0.10	-0.34
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	4.83	0.19	5.16	4.50	13	-0.11	-0.05	-0.27
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	13	4.55	0.16	4.87	4.30	13	-0.07	-0.04	-0.11
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	12	4.35	0.13	4.61	4.21	12	-0.06	-0.04	-0.09
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	12	3.99	0.08	4.17	3.87	12	-0.04	-0.02	-0.06
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	11	3.70	0.07	3.77	3.53	11	-0.03	-0.02	-0.05
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	11	3.25	0.11	3.32	2.94	11	-0.02	-0.01	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	11	2.66	0.05	2.96	2.79	11	-0.02	-0.01	-0.03
4000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	7	2.55	0.06	2.45	2.27	7	-0.01	-0.03	-0.01
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.43	0.00	2.43	2.43	1	0.01	0.01	0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1522.5	2.9	1527.9	1519.1	0	0.0	0.0	0.0	15	19.64	1.10	21.43	18.27	0	0.00	0.00	0.00
10.	13	1522.5	2.8	1528.0	1519.3	13	0.0	0.7	-0.0	15	19.58	1.05	21.42	18.27	15	-0.18	0.06	-1.44
20.	13	1522.6	2.7	1523.2	1519.5	13	0.2	0.6	-0.3	15	19.55	1.03	21.42	18.27	15	-0.11	0.03	-0.55
30.	13	1522.6	2.7	1528.3	1519.6	13	0.1	0.6	-1.8	15	19.50	1.00	21.41	18.28	15	-0.16	0.03	-0.62
50.	13	1522.7	2.6	1528.5	1520.0	13	-0.0	0.6	-1.5	15	19.39	0.96	21.35	18.28	15	-0.19	-0.02	-0.91
75.	14	1522.8	2.4	1528.4	1520.4	14	-0.2	0.8	-2.0	15	19.20	0.88	21.16	18.29	15	-0.24	0.01	-0.20
100.	14	1522.7	2.1	1528.2	1520.8	14	-0.1	0.6	-1.6	15	19.00	0.76	20.96	18.27	15	-0.23	-0.02	-0.77
125.	14	1522.8	1.8	1528.0	1521.1	14	0.2	0.6	-1.2	15	18.97	0.65	20.70	18.24	15	-0.14	-0.01	-0.63
150.	14	1522.9	1.6	1527.3	1521.4	14	0.2	0.5	-0.8	15	18.75	0.54	20.51	18.21	15	-0.14	0.01	-0.49
200.	14	1523.2	1.0	1525.6	1522.2	13	0.2	0.6	-1.2	15	18.56	0.34	19.40	18.19	15	-0.09	0.14	-0.60
250.	14	1523.6	0.7	1524.7	1522.6	14	0.2	0.5	-0.7	15	18.39	0.25	18.78	18.08	15	-0.10	-0.01	-0.45
300.	14	1524.0	0.7	1525.5	1522.7	14	0.3	0.6	0.1	15	18.25	0.24	18.77	17.85	15	-0.07	-0.01	-0.18
400.	14	1524.5	1.0	1526.3	1522.8	13	0.1	0.5	-0.3	15	17.88	0.31	18.49	17.34	15	-0.12	-0.04	-0.35
500.	14	1524.1	1.7	1526.7	1520.8	14	-0.3	0.4	-1.3	15	17.19	0.35	18.06	16.19	15	-0.27	-0.01	-0.58
600.	14	1521.4	2.5	1525.2	1516.6	14	-0.9	-0.3	-2.1	15	15.79	0.82	17.06	14.45	15	-0.45	-0.25	-0.81
700.	14	1516.7	4.3	1522.3	1508.8	14	-1.6	-0.8	-3.0	15	13.90	1.29	15.64	11.77	15	-0.60	-0.40	-0.91
800.	14	1510.6	4.7	1518.1	1503.7	14	-2.1	-1.2	-3.0	15	11.70	1.33	13.94	9.92	15	-0.73	-0.49	-0.91
900.	14	1504.0	4.4	1512.0	1496.9	13	-2.1	-1.2	-2.6	15	9.46	1.23	11.74	7.73	15	-0.62	0.41	-0.84
1000.	14	1498.6	3.5	1505.7	1493.5	14	-1.5	-0.8	-2.3	15	7.65	0.94	9.50	6.29	15	-0.50	-0.33	-0.74
1100.	14	1494.8	2.4	1499.5	1491.3	13	-1.1	-0.6	-1.9	15	6.21	0.63	7.54	5.46	14	-0.39	-0.21	-0.62
1200.	14	1492.8	1.5	1495.1	1490.8	14	-0.1	0.3	-0.2	15	5.42	0.39	6.03	4.96	14	-0.19	-0.09	-0.42
1300.	13	1492.5	1.1	1494.3	1490.8	13	0.0	0.3	-0.2	14	4.96	0.26	5.42	4.57	14	-0.12	-0.06	-0.18
1400.	13	1492.8	0.8	1494.0	1491.7	13	0.1	0.3	-0.1	14	4.64	0.19	4.95	4.40	14	-0.09	-0.05	-0.14
1500.	13	1493.4	0.6	1494.2	1492.4	13	0.2	0.4	0.0	14	4.37	0.14	4.58	4.17	14	-0.06	-0.04	-0.12
1750.	12	1495.7	0.3	1496.1	1494.9	11	0.4	0.6	0.3	13	3.94	0.08	4.04	3.75	13	-0.04	-0.01	-0.06
2000.	12	1499.0	0.3	1499.5	1498.1	12	0.4	0.5	0.3	13	3.71	0.09	3.84	3.52	13	-0.03	-0.01	-0.05
2500.	11	1505.9	0.2	1506.3	1505.4	10	0.4	0.4	0.4	12	3.32	0.09	3.43	3.15	12	-0.03	-0.02	-0.03
3000.	10	1512.6	0.3	1513.3	1512.0	9	0.4	0.6	0.4	11	2.83	0.10	3.06	2.74	11	-0.03	-0.02	-0.03
4000.	7	1527.9	0.2	1528.2	1527.5	6	0.5	0.5	0.3	8	2.37	0.06	2.46	2.30	7	-0.01	-0.01	-0.01
5000.	5	1545.2	0.2	1545.4	1544.9	5	0.5	0.5	0.5	5	2.29	0.05	2.34	2.21	5	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1529.8	2.4	1532.7	1524.5	0	0.0	0.0	0.0	8	22.24	0.93	23.39	20.24	0	0.00	0.00	0.00
10.	8	1529.6	2.4	1532.3	1524.3	8	-0.8	1.5	-4.1	8	22.08	0.91	23.12	20.10	8	-0.60	0.30	-1.73
20.	8	1528.0	2.1	1531.3	1524.0	8	-5.0	0.6	-13.1	8	21.37	0.80	22.63	19.94	8	-2.13	0.03	-5.43
30.	8	1527.0	2.2	1531.1	1523.6	8	-3.4	-0.6	-6.1	8	20.94	0.80	22.49	19.71	8	-1.46	-0.43	-2.62
50.	8	1525.1	1.8	1528.6	1522.8	7	-2.2	-1.2	-5.5	8	20.08	0.64	21.38	19.30	8	-1.09	-0.30	-2.32
75.	8	1523.8	1.2	1526.2	1522.6	8	-1.5	-0.2	-3.0	8	19.50	0.44	20.35	19.08	8	-0.64	-0.26	-1.02
100.	8	1523.3	0.9	1524.9	1522.5	8	-0.5	-0.1	-1.5	8	19.17	0.32	19.73	18.89	8	-0.35	-0.15	-0.73
125.	8	1523.0	0.6	1524.0	1522.4	8	-0.3	0.1	-0.7	8	18.92	0.20	19.24	18.70	8	-0.28	-0.15	-0.53
150.	8	1523.0	0.4	1523.6	1522.3	8	-0.1	0.2	-0.7	8	18.76	0.14	18.98	18.54	8	-0.19	-0.06	-0.43
200.	8	1523.3	0.4	1524.3	1523.0	8	0.2	0.5	0.2	8	18.60	0.12	18.82	18.48	8	-0.08	-0.02	-0.10
250.	8	1523.6	0.4	1524.4	1523.1	8	0.2	0.4	0.1	8	18.41	0.16	18.69	18.27	8	-0.12	-0.04	-0.23
300.	8	1523.7	0.7	1524.8	1523.0	8	0.1	0.3	-0.1	8	18.18	0.23	18.54	17.96	8	-0.13	-0.05	-0.20
400.	8	1523.7	1.1	1525.6	1522.2	8	-0.1	0.2	-0.6	8	17.65	0.34	18.24	17.18	8	-0.17	-0.09	-0.24
500.	8	1523.3	1.8	1525.8	1521.2	8	-0.2	0.3	-0.6	8	16.99	0.56	17.75	16.34	8	-0.20	-0.08	-0.32
600.	8	1520.7	3.6	1524.9	1516.3	8	-0.9	-0.1	-1.7	8	15.69	1.08	16.97	14.37	8	-0.42	-0.20	-0.66
700.	5	1517.0	4.4	1522.2	1512.3	5	-2.3	-1.5	-4.3	5	14.11	1.27	15.65	12.74	5	-0.78	-0.57	-1.40
800.	5	1509.6	4.6	1516.6	1505.6	5	-2.2	-1.5	-3.0	5	11.54	1.27	13.49	10.46	5	-0.74	-0.57	-0.96
900.	5	1502.6	4.8	1510.1	1498.6	5	-2.0	-1.3	-2.9	5	9.24	1.27	11.22	8.19	5	-0.66	-0.50	-0.91
1000.	5	1497.2	3.8	1503.5	1493.6	5	-1.5	-1.2	-2.2	5	7.40	0.98	9.03	6.50	5	-0.53	-0.44	-0.71
1100.	5	1494.1	2.3	1497.9	1491.8	5	-0.7	-0.3	-1.7	5	6.19	0.58	7.16	5.63	5	-0.32	-0.20	-0.57
1200.	5	1492.9	1.7	1495.5	1490.7	5	-0.3	0.0	-0.7	5	5.48	0.42	6.13	4.96	5	-0.20	-0.12	-0.29
1300.	5	1492.6	1.2	1494.2	1491.0	5	-0.0	0.1	-0.3	5	5.01	0.28	5.40	4.64	5	-0.13	-0.10	-0.20
1400.	5	1492.8	0.8	1493.7	1491.6	5	0.1	0.2	-0.2	5	4.65	0.20	4.86	4.36	5	-0.10	-0.07	-0.16
1500.	5	1493.5	0.8	1494.2	1492.2	5	0.2	0.3	0.2	5	4.42	0.19	4.58	4.12	5	-0.07	-0.05	-0.09
1750.	5	1495.8	0.7	1496.4	1494.7	5	0.3	0.3	0.2	5	3.97	0.15	4.11	3.71	5	-0.05	-0.05	-0.07
2000.	5	1498.8	0.4	1499.1	1498.3	5	0.4	0.4	0.3	5	3.69	0.07	3.75	3.57	5	-0.03	-0.03	-0.05
2500.	4	1505.5	0.0	1505.5	1505.4	4	0.4	0.4	0.4	4	3.24	0.02	3.25	3.22	4	-0.03	-0.03	-0.03
3000.	4	1512.4	0.2	1512.4	1512.3	4	0.4	0.4	0.3	4	2.84	0.02	2.86	2.82	4	-0.02	-0.02	-0.02
4000.	3	1527.5	0.2	1527.8	1527.4	3	0.5	0.5	0.5	3	2.31	0.05	2.37	2.27	3	-0.01	-0.01	-0.02

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	44	1533.9	2.8	1539.8	1529.0	0	0.0	0.0	0.0	95	24.28	0.98	26.50	21.93	0	0.00	0.00	0.00
10.	44	1532.6	2.0	1536.5	1529.0	44	-4.0	2.7	-14.6	95	23.50	0.70	24.95	21.90	95	-2.41	0.85	-6.61
20.	44	1531.2	1.9	1535.8	1526.8	44	-4.2	0.6	-11.6	95	22.75	0.70	24.56	20.99	95	-2.27	-0.03	-5.12
30.	44	1529.6	2.1	1535.1	1524.8	44	-5.2	0.5	-9.1	96	22.01	0.81	24.16	20.17	95	-2.26	-0.05	-3.51
50.	69	1526.1	2.4	1533.0	1522.3	62	-3.6	-1.0	-7.3	390	20.53	0.86	23.15	18.99	324	-1.42	-0.30	-3.33
75.	69	1524.0	2.2	1530.7	1520.4	69	-2.6	-0.6	-5.4	396	19.60	0.81	22.14	18.31	386	-1.10	5.23	-2.44
100.	69	1522.6	1.9	1529.2	1519.8	69	-0.8	3.0	-3.0	386	18.96	0.73	21.76	17.95	386	-0.45	0.06	-3.00
125.	69	1522.3	1.4	1527.6	1519.9	69	-0.4	0.4	-2.2	386	18.66	0.52	20.60	17.85	386	-0.37	0.09	-2.39
150.	69	1522.1	1.0	1526.2	1520.0	69	-0.3	0.2	-1.7	396	18.41	0.36	19.94	17.75	386	-0.30	0.09	-0.95
200.	69	1522.0	0.6	1524.5	1520.6	69	0.2	1.5	-0.8	396	18.08	0.21	19.01	17.64	385	-0.10	0.46	-3.73
250.	69	1522.4	0.3	1523.7	1521.1	69	0.3	0.8	-0.5	386	17.96	0.31	18.69	13.25	386	-0.07	0.29	-2.72
300.	71	1522.7	0.3	1523.8	1521.2	70	0.2	1.0	-0.4	396	17.82	0.34	18.67	12.27	386	-0.11	2.56	-0.84
400.	69	1523.2	0.5	1524.7	1520.5	67	0.2	1.5	-1.2	396	17.46	0.14	17.94	16.61	384	-0.06	0.44	-0.47
500.	69	1522.8	1.3	1525.3	1518.2	69	-0.4	0.5	-1.4	396	17.00	0.40	17.63	15.42	386	-0.20	0.12	-0.61
600.	69	1520.3	2.4	1526.5	1514.4	68	-1.1	0.4	-4.1	396	15.99	0.87	17.51	13.81	385	-0.41	0.04	-1.32
700.	69	1515.5	3.1	1524.7	1509.6	69	-1.7	-1.0	-3.0	395	14.25	1.07	17.82	11.99	385	-0.64	0.15	-2.07
800.	69	1509.4	3.4	1519.4	1503.4	68	-2.0	-0.7	-3.3	395	12.09	1.06	15.20	9.85	384	-0.66	0.47	-1.40
900.	69	1503.2	3.8	1513.6	1496.9	67	-1.8	0.3	-3.0	384	10.06	1.32	12.76	7.73	379	-0.60	-0.03	-1.08
1000.	68	1458.0	3.3	1509.1	1493.3	65	-1.5	-0.3	-3.0	382	8.13	1.17	11.27	6.41	380	-0.60	0.27	-1.72
1100.	68	1494.6	1.9	1500.9	1461.2	67	-0.9	-0.2	-3.0	378	6.58	0.69	8.69	5.48	377	-0.41	-0.13	-1.92
1200.	67	1492.9	1.0	1495.6	1490.3	66	-0.3	0.2	-1.1	364	5.61	0.36	7.02	4.84	364	-0.24	-0.02	-0.73
1300.	58	1492.5	0.5	1494.4	1490.7	56	-0.1	0.3	-0.5	214	5.03	0.17	5.57	4.55	214	-0.16	-0.03	-0.49
1400.	42	1492.7	0.5	1494.2	1491.4	38	0.1	0.4	-0.2	62	4.62	0.12	4.94	4.31	58	-0.11	-0.04	-0.19
1500.	38	1493.3	0.5	1494.2	1492.2	37	0.2	0.5	0.1	39	4.36	0.12	4.55	4.11	38	-0.07	-0.02	-0.13
1750.	30	1495.8	0.3	1496.3	1494.7	28	0.3	0.5	0.2	30	3.96	0.09	4.07	3.70	29	-0.04	-0.02	-0.03
2000.	25	1498.9	0.3	1499.5	1497.9	24	0.4	0.5	0.2	25	3.69	0.08	3.83	3.47	25	-0.03	-0.01	-0.04
2500.	20	1505.6	0.1	1506.0	1505.2	20	0.4	0.5	0.3	20	3.27	0.06	3.36	3.17	20	-0.03	-0.02	-0.04
3000.	19	1512.4	0.4	1513.3	1511.9	18	0.4	0.5	0.3	19	2.85	0.09	3.04	2.71	19	-0.03	-0.02	-0.03
4000.	15	1527.8	0.0	1528.0	1527.5	14	0.5	0.5	0.5	15	2.36	0.04	2.41	2.29	15	-0.01	-0.00	-0.01
5000.	5	1545.1	0.0	1545.2	1544.9	5	0.5	0.5	0.5	5	2.26	0.03	2.28	2.21	5	-0.01	-0.00	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	13	1537.3	1.5	1539.6	1535.4	0	0.0	0.0	0.0	13	25.38	0.71	26.59	24.55	0	0.00	0.00	0.00
10.	13	1537.4	1.5	1540.0	1535.7	13	0.3	1.4	-4.6	13	25.35	0.72	26.68	24.60	13	-0.11	0.30	-2.13
20.	13	1536.7	1.5	1539.7	1534.3	13	-2.8	1.2	-18.3	13	24.98	0.72	26.48	23.90	13	-1.43	0.18	-8.23
30.	14	1533.7	2.3	1539.8	1529.9	14	-9.3	-3.0	-20.7	14	23.62	1.03	26.45	22.09	14	-4.05	-1.58	-9.11
40.	14	1529.2	2.8	1536.4	1525.7	14	-5.3	-2.0	-3.0	14	21.67	1.15	24.71	20.33	14	-2.39	-1.02	-3.76
75.	14	1526.2	2.7	1532.6	1522.9	13	-2.8	-1.0	-4.4	14	20.37	1.01	22.86	19.15	13	-1.28	-0.61	-1.96
100.	14	1524.6	2.1	1529.3	1522.0	12	-1.8	-0.7	-3.7	14	19.63	0.76	21.37	18.72	13	-0.80	-0.15	-1.29
125.	14	1523.7	1.4	1526.7	1522.1	14	-1.1	0.1	-3.2	14	19.14	0.51	20.24	18.58	14	-0.59	-0.17	-1.39
150.	14	1523.1	0.9	1525.0	1522.1	11	-0.7	0.4	-1.6	14	18.80	0.33	19.47	18.45	13	6.07	67.51	-0.74
200.	11	1523.0	0.4	1523.3	1522.2	11	-0.0	0.6	-1.0	11	18.47	0.15	18.59	18.21	11	-0.18	-0.05	-0.51
250.	11	1523.5	0.6	1524.0	1522.5	11	0.3	0.5	-0.1	11	18.36	0.20	18.54	18.02	11	-0.07	-0.01	-0.22
300.	11	1524.1	0.7	1524.7	1522.7	11	0.4	0.5	0.1	11	18.28	0.26	18.50	17.83	11	-0.05	0.01	-0.15
400.	11	1525.0	0.7	1525.8	1523.7	11	0.3	0.4	0.1	11	18.07	0.25	18.33	17.62	11	-0.07	-0.03	-0.14
500.	11	1525.5	0.8	1526.4	1524.0	11	0.1	0.4	-0.2	11	17.68	0.25	17.96	17.21	11	-0.12	-0.04	-0.24
600.	11	1524.8	1.1	1526.3	1522.9	9	-0.3	0.2	-0.8	11	16.93	0.34	17.38	16.36	10	-0.32	-0.08	-1.08
700.	11	1521.2	1.1	1522.2	1518.9	11	-1.2	-0.9	-1.5	11	15.33	0.33	15.64	14.66	11	-0.52	-0.43	-0.62
800.	10	1515.7	1.1	1517.2	1514.1	10	-1.8	-1.5	-2.7	10	13.24	0.32	13.68	12.79	10	-0.68	-0.57	-0.94
900.	10	1508.8	1.0	1510.6	1507.2	8	-2.2	-2.0	-2.4	10	10.87	0.27	11.37	10.45	9	-0.60	0.44	-0.80
1000.	10	1501.9	0.8	1503.3	1500.7	10	-2.2	-1.5	-3.0	10	8.63	0.21	8.98	8.29	10	-0.68	-0.53	-0.77
1100.	10	1496.1	0.7	1497.3	1495.1	10	-1.8	-1.3	-2.0	10	6.70	0.17	6.99	6.45	10	-0.58	-0.45	-0.66
1200.	10	1493.0	0.8	1494.3	1492.0	9	-0.9	-0.5	-1.2	10	5.52	0.20	5.84	5.27	9	-0.34	-0.26	-0.44
1300.	10	1492.3	0.7	1493.6	1491.6	10	-0.2	0.1	-0.4	10	4.93	0.18	5.25	4.78	10	-0.17	-0.10	-0.21
1400.	10	1492.8	0.7	1494.1	1492.0	10	0.2	0.3	-0.1	10	4.64	0.16	4.96	4.46	10	-0.09	-0.05	-0.13
1500.	10	1493.5	0.6	1494.7	1492.9	9	0.2	0.3	0.2	10	4.41	0.15	4.71	4.27	9	-0.07	-0.05	-0.09
1750.	10	1496.2	0.3	1496.7	1495.8	10	0.4	0.4	0.2	10	4.06	0.08	4.18	3.96	10	-0.04	-0.02	-0.06
2000.	10	1499.4	0.1	1499.7	1499.0	9	0.4	0.4	0.4	10	3.81	0.05	3.88	3.72	10	-0.03	-0.02	-0.04
2500.	10	1506.3	0.0	1506.6	1506.0	10	0.4	0.4	0.4	10	3.43	0.03	3.49	3.37	10	-0.02	-0.02	-0.03
3000.	9	1513.1	0.2	1513.5	1512.8	9	0.4	0.4	0.4	10	2.99	0.06	3.09	2.94	9	-0.03	-0.02	-0.03
4000.	9	1527.8	0.2	1528.1	1527.6	9	0.5	0.5	0.5	9	2.38	0.05	2.44	2.32	9	-0.01	-0.00	-0.01
5000.	4	1545.3	0.0	1545.4	1545.2	4	0.5	0.6	0.5	4	2.30	0.02	2.32	2.28	4	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	64	1542.5	1.7	1545.3	1537.0	0	0.0	0.0	0.0	0.0	45	27.81	0.83	29.11	25.27
10.	65	1542.1	1.6	1544.8	1536.6	63	-1.2	3.0	-10.7	-10.7	45	27.56	0.79	28.87	25.02
20.	65	1541.1	1.6	1543.5	1536.7	64	-4.0	1.2	-26.4	-26.4	65	27.01	0.78	28.18	24.97
30.	65	1538.6	2.1	1542.3	1534.7	62	-7.9	2.5	-19.3	-19.3	65	25.80	0.95	27.45	24.04
50.	50	1532.3	1.7	1536.6	1528.0	50	-9.1	-0.6	-22.3	-22.3	52	22.94	0.73	24.73	21.19
75.	24	1526.9	1.6	1529.3	1523.7	24	-4.6	-2.7	-7.1	-7.1	24	20.65	0.59	21.51	19.45
100.	24	1524.4	1.3	1526.4	1521.9	23	-2.5	-0.8	-4.4	-4.4	24	19.56	0.49	20.27	18.68
125.	24	1523.2	1.0	1524.4	1521.3	24	-1.4	-0.4	-3.0	-3.0	24	19.00	0.36	19.44	18.31
150.	24	1522.6	0.8	1523.5	1521.1	24	-0.7	-0.1	-1.5	-1.5	24	18.64	0.28	18.97	18.13
200.	21	1523.6	0.7	1523.2	1521.2	21	0.1	1.0	0.1	0.1	21	18.35	0.23	18.57	17.88
250.	16	1523.2	0.0	1523.5	1522.8	15	0.2	0.8	-0.1	-0.1	16	18.29	0.06	18.38	18.14
300.	16	1523.4	0.0	1523.9	1523.1	15	0.1	0.8	-0.1	-0.1	16	18.08	0.07	18.24	17.95
400.	16	1523.9	0.1	1524.3	1523.7	16	-0.2	-3.3	-5.3	-5.3	16	17.70	0.06	17.80	17.59
500.	16	1524.4	0.7	1525.0	1522.7	15	0.2	0.8	-0.3	-0.3	16	17.34	0.24	17.51	16.78
600.	16	1523.0	1.7	1525.1	1518.5	16	-0.7	-0.2	-1.5	-1.5	16	16.38	0.53	17.03	15.02
700.	15	1518.6	2.2	1521.2	1513.0	15	-1.5	-1.0	-1.9	-1.9	16	14.58	0.62	15.35	12.96
800.	14	1512.4	2.5	1515.2	1505.6	14	-2.0	-1.5	-2.4	-2.4	15	12.33	0.66	13.11	10.46
900.	13	1505.4	2.7	1508.7	1499.1	13	-2.2	-1.5	-2.9	-2.9	14	9.99	0.70	10.85	8.31
1000.	10	1498.5	2.2	1501.5	1494.7	10	-2.0	-1.2	-2.5	-2.5	10	7.73	0.56	8.48	6.77
1100.	7	1493.9	1.3	1495.6	1491.7	7	-1.2	-0.9	-1.6	-1.6	7	6.15	0.31	6.58	5.60
1200.	7	1492.4	0.9	1494.1	1491.1	7	-0.4	-0.1	-0.7	-0.7	7	4.36	0.22	5.77	5.04
1300.	7	1492.1	0.8	1493.6	1491.2	7	-0.1	0.1	-0.4	-0.4	7	4.88	0.18	5.23	4.68
1400.	7	1492.3	0.8	1493.8	1491.1	7	0.1	0.2	-0.1	-0.1	7	4.53	0.20	4.89	4.24
1500.	6	1493.0	0.7	1494.3	1492.2	6	0.2	0.5	0.1	0.1	6	4.30	0.14	4.60	4.10
1750.	5	1495.5	0.6	1496.2	1494.9	5	0.3	0.4	0.2	0.2	5	3.90	0.14	4.07	3.75
2000.	3	1498.4	0.1	1499.5	1498.3	3	0.5	0.5	0.4	0.4	3	3.58	0.03	3.61	3.56
2500.	3	1505.8	0.1	1505.9	1505.7	2	0.4	0.5	0.4	0.4	3	3.11	0.02	3.33	3.25
3000.	1	1512.8	0.2	1513.0	1512.7	1	0.4	0.4	0.4	0.4	3	2.94	0.03	2.97	2.92
4000.	1	1527.9	0.0	1527.9	1527.9	1	0.5	0.5	0.5	0.5	1	2.39	0.00	2.39	2.39

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT				
	NO	AVG	S D	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1538.7	0.5	1539.2	1537.9	0	0.0	0.0	17	26.29	0.42	27.23	25.67	0	0.00	0.00	0.00
10.	9	1538.5	0.6	1539.3	1537.5	9	-0.6	0.9	17	26.11	0.45	27.22	25.44	17	-0.56	0.15	-2.68
20.	9	1538.3	1.2	1539.4	1536.0	9	-0.6	3.0	17	25.90	0.63	27.21	24.70	17	-0.63	0.09	-2.53
30.	9	1538.0	1.8	1539.6	1534.5	9	-1.0	0.1	17	25.70	0.87	27.20	23.97	17	-0.68	0.15	-2.53
50.	9	1534.9	2.6	1539.3	1531.5	9	-8.8	-6.1	17	24.45	1.26	26.16	22.59	17	-3.42	-0.40	-7.01
75.	9	1530.0	2.0	1533.7	1527.1	9	-4.2	0.2	17	22.19	1.05	24.24	20.64	17	-2.30	-0.14	-4.22
100.	9	1527.0	1.8	1529.4	1525.0	9	-2.2	-1.5	17	20.68	0.98	22.72	19.16	17	-1.22	-0.51	-2.12
125.	9	1525.6	1.5	1528.5	1524.1	9	-1.6	-0.9	17	19.99	0.78	21.42	18.78	17	-0.63	-0.46	-1.58
150.	9	1524.6	1.4	1527.4	1523.3	9	-1.1	-0.5	17	19.44	0.63	20.38	18.46	17	-0.62	-0.30	-1.32
200.	9	1523.7	1.3	1525.9	1522.5	9	-0.0	0.8	17	18.73	0.46	19.50	17.99	17	-0.26	-0.08	-0.61
250.	9	1523.5	0.8	1525.1	1522.5	9	-0.1	0.2	17	18.19	0.33	18.45	17.87	17	-0.20	-0.07	-0.42
300.	9	1522.7	0.7	1524.7	1522.6	9	0.2	0.8	17	18.12	0.27	18.53	17.65	17	-0.16	-0.03	-0.30
400.	9	1524.2	0.7	1524.9	1522.5	9	0.1	0.6	17	17.61	0.41	18.05	16.61	17	-0.12	-0.04	-0.30
500.	9	1523.8	1.5	1525.2	1520.9	9	-0.3	0.1	17	16.86	0.66	17.59	15.40	17	-0.31	-0.12	-0.61
600.	9	1521.5	2.1	1523.7	1517.1	8	-0.9	-0.3	17	15.49	0.97	16.60	13.38	17	-0.48	-0.22	-0.91
700.	9	1517.1	2.7	1520.0	1511.4	8	-1.6	-0.5	17	13.49	1.24	15.03	10.73	16	-0.71	-0.29	-0.99
800.	9	1511.4	3.4	1517.7	1504.7	7	-1.8	-0.7	17	11.20	1.45	13.85	8.70	16	-0.72	-0.36	-0.97
900.	9	1504.5	4.3	1512.7	1497.6	9	-2.2	-1.8	17	9.91	1.38	11.93	6.69	17	-0.90	-0.40	-0.94
1000.	9	1498.6	3.8	1505.6	1492.8	9	-1.6	-0.9	17	7.13	1.01	9.53	5.86	17	-0.50	-0.24	-0.73
1100.	9	1494.3	2.9	1499.3	1490.3	9	-1.1	-0.6	17	5.94	0.65	7.47	5.10	17	-0.31	-0.12	-0.63
1200.	9	1492.1	1.7	1494.8	1493.9	9	-0.5	-0.1	17	5.19	0.34	5.93	4.69	17	-0.19	-0.03	-0.53
1300.	8	1491.2	1.1	1492.9	1489.9	8	-0.1	0.4	17	4.73	0.24	5.21	4.36	17	-0.13	-0.03	-0.42
1400.	7	1491.6	0.9	1492.9	1490.3	7	0.2	0.4	16	4.44	0.19	4.70	4.06	16	-0.09	-0.04	-0.27
1500.	6	1492.4	0.6	1493.2	1491.4	6	0.3	0.4	15	4.21	0.14	4.41	3.93	15	-0.06	-0.03	-0.11
1750.	6	1495.4	0.4	1495.8	1494.6	6	0.4	0.4	13	3.76	0.08	3.97	3.68	13	-0.04	-0.02	-0.06
2000.	6	1498.7	0.4	1499.2	1498.2	6	0.4	0.5	13	3.61	0.08	3.76	3.51	13	-0.02	-0.02	-0.04
2500.	5	1505.7	0.5	1506.2	1504.9	5	0.4	0.5	7	3.66	0.10	3.41	3.11	7	-0.03	-0.01	-0.04
3000.	5	1512.4	0.4	1513.1	1512.2	5	0.4	0.5	7	2.44	0.13	2.99	2.60	7	-0.02	-0.02	-0.03
4000.	5	1528.1	1.0	1529.8	1527.3	5	0.5	0.5	5	2.43	0.23	2.54	2.26	5	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0-	25	1536.1	1.1	1539.5	1535.0	0	0.0	0.0	0.0	123	25.56	0.23	26.22	24.58	0	0.00	0.00	0.00		
10-	25	1538.2	1.1	1539.7	1535.3	25	0.6	3.0	-0.9	123	25.48	0.26	26.24	24.59	133	-0.25	0.21	-2.23		
20-	25	1538.2	1.1	1539.9	1535.6	25	0.2	0.9	-1.5	123	25.49	0.32	26.22	24.43	133	-0.24	0.12	-2.10		
30-	25	1538.2	1.1	1540.0	1535.9	25	-0.5	1.2	-6.1	123	25.27	0.40	26.16	23.82	133	-0.37	0.15	-3.25		
50-	25	1537.1	1.7	1539.3	1533.7	25	-5.2	6.1	-16.8	125	24.85	0.63	26.02	22.61	135	-3.78	2.13	-7.32		
75-	25	1532.5	3.6	1540.1	1527.7	25	-5.0	1.0	-11.5	125	22.02	0.80	25.94	20.66	135	-2.40	-0.10	-55.17		
100-	25	1529.0	3.7	1539.0	1523.8	25	-4.0	-1.5	-8.7	125	20.71	0.71	25.21	19.32	135	-1.34	-0.31	-3.67		
125-	25	1526.5	2.9	1535.2	1522.8	25	-2.9	-1.2	-6.5	124	19.75	0.53	23.49	18.92	134	-1.16	-0.56	-2.67		
150-	25	1524.9	2.3	1531.9	1522.0	25	-1.6	-0.5	-3.0	125	19.07	0.42	22.04	18.42	135	-0.54	-0.17	-1.52		
200-	25	1523.5	1.3	1527.2	1521.8	25	-0.4	0.4	-2.0	124	18.42	0.23	19.37	18.07	134	-0.21	-0.14	-0.67		
250-	25	1523.3	0.9	1526.2	1522.3	25	-0.0	0.8	-0.9	124	18.13	0.16	19.32	17.89	134	-0.15	-0.02	-0.44		
300-	25	1523.3	0.7	1525.4	1522.6	24	0.0	0.6	-0.5	125	17.91	0.12	18.74	17.66	135	-0.09	0.26	-0.35		
400-	25	1523.6	0.5	1524.8	1522.8	25	0.2	0.6	-0.3	125	17.57	0.09	18.02	17.23	135	-0.08	-0.01	-0.14		
500-	24	1523.4	1.1	1525.4	1520.4	24	-0.2	0.3	-1.4	124	17.09	0.19	17.64	16.10	134	-0.16	-0.07	-0.57		
600-	24	1521.0	2.0	1524.1	1515.2	23	-1.0	0.4	-2.0	124	16.12	0.37	16.70	14.06	134	-0.42	-0.27	-0.71		
700-	23	1516.3	2.9	1520.5	1508.0	22	-1.5	0.6	-2.3	124	14.53	0.53	15.10	11.54	133	-0.51	-0.10	-0.79		
800-	23	1510.2	3.4	1515.1	1501.1	22	-2.1	1.6	-4.6	124	12.56	0.66	13.61	7.26	133	-0.72	-0.54	-1.50		
900-	23	1503.5	3.1	1507.7	1495.5	23	-2.0	-1.5	-2.6	124	10.31	0.61	10.94	7.39	134	-0.66	-0.34	-1.31		
1000-	23	1498.0	2.4	1501.5	1492.8	23	-1.5	-0.4	-2.5	124	8.25	0.48	8.76	6.31	134	-0.64	-0.19	-0.37		
1100-	22	1494.5	1.5	1497.4	1491.8	22	-0.7	-0.2	-1.4	121	6.52	0.24	7.01	2.51	131	-0.45	-0.16	-0.63		
1200-	22	1492.4	1.0	1494.5	1490.7	21	-0.4	-0.1	-0.1	129	5.40	0.14	5.46	4.81	129	-0.28	-0.06	-0.37		
1300-	18	1492.4	0.9	1493.7	1490.8	18	-0.1	0.2	0.2	20	4.92	0.22	5.24	4.56	20	-0.12	-0.04	-0.23		
1400-	17	1492.8	0.7	1493.9	1491.5	17	0.1	0.4	0.2	19	4.61	0.16	4.69	4.33	19	-0.09	-0.06	-0.16		
1500-	15	1493.4	0.5	1494.5	1492.6	15	0.2	0.3	0.1	17	4.39	0.13	4.64	4.20	17	-0.07	-0.03	-0.11		
1750-	11	1495.8	0.5	1496.6	1494.9	11	0.3	0.6	0.2	14	3.96	0.11	4.14	3.75	14	-0.05	-0.01	-0.07		
2000-	8	1498.9	0.4	1499.5	1498.3	8	0.4	0.4	0.3	11	3.70	0.08	3.42	3.55	11	-0.03	-0.02	-0.04		
2500-	6	1505.6	0.2	1506.1	1505.3	5	0.4	0.4	0.4	7	3.26	0.07	3.59	3.19	6	-0.03	-0.02	-0.04		
3000-	8	1512.2	0.5	1513.1	1511.7	5	0.4	0.4	0.4	7	2.80	0.10	3.01	2.69	3	-0.03	-0.02	-0.04		
4000-	2	1527.5	0.0	1527.5	1527.5	2	0.5	0.5	0.5	3	2.30	0.01	2.50	2.29	3	-0.00	-0.00	-0.01		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	18	1512.0	2.4	1534.6	1526.0	0	0.0	1.06	24.28	20.62	0	0.00	0.00	0.00	
10.	18	1512.1	2.4	1534.8	1526.1	18	0.5	1.21	24.28	20.42	25	-0.38	0.30	-9.69	
20.	18	1512.3	2.4	1535.0	1526.4	18	0.5	1.60	24.31	17.24	25	-0.36	0.30	-9.69	
30.	18	1512.5	2.4	1535.3	1526.5	18	0.4	2.11	24.34	14.05	25	-0.37	0.27	-9.72	
40.	18	1512.4	2.5	1535.5	1526.8	16	0.3	3.37	24.31	7.69	23	-0.63	0.15	-7.67	
50.	16	1512.8	2.5	1536.0	1527.0	23	21.91	4.18	24.33	3.45	23	0.78	28.04	-3.96	
75.	16	1512.2	3.8	1536.1	1522.7	16	-2.0	1.61	24.20	18.95	23	-1.36	0.01	-8.53	
100.	15	1529.1	4.4	1535.6	1521.1	15	-2.2	1.69	23.75	18.00	22	-1.06	-0.22	-2.41	
125.	15	1526.9	3.5	1532.3	1520.5	15	-2.7	1.28	22.21	17.64	22	-1.05	-0.24	-2.76	
150.	14	1524.7	1.8	1527.9	1521.9	13	-1.0	0.71	20.23	17.35	20	-0.68	-0.11	-4.75	
200.	14	1523.7	1.1	1525.1	1522.0	13	-0.4	0.38	18.95	17.52	19	-0.49	-0.12	-4.16	
250.	14	1523.5	0.8	1524.7	1522.3	14	0.0	0.32	18.50	17.24	19	-0.16	-0.06	-0.27	
300.	13	1523.8	0.4	1524.6	1523.0	13	0.2	0.32	17.94	16.42	18	-0.12	-0.01	-0.39	
400.	13	1523.5	0.8	1524.4	1521.4	12	-0.3	0.54	17.34	14.99	17	-0.30	-0.06	-0.61	
500.	12	1520.8	1.8	1523.2	1516.7	12	-1.1	0.80	16.44	13.14	17	-0.51	-0.21	-0.75	
600.	12	1515.5	2.1	1517.9	1511.0	12	-1.7	0.92	14.35	10.74	17	-0.67	-0.52	-0.87	
700.	12	1508.9	2.4	1512.4	1504.4	12	-2.1	0.96	12.31	8.48	17	-0.74	-0.56	-1.04	
800.	9	1501.7	1.4	1503.8	1499.1	9	-2.2	0.79	9.52	6.65	14	-0.60	-0.43	-0.84	
900.	6	1495.7	1.6	1496.9	1492.6	6	-1.4	0.62	0.55	7.32	5.67	11	-0.54	-0.20	-1.54
1000.	5	1493.1	1.2	1494.0	1491.0	5	-0.6	0.40	6.18	5.09	9	-0.26	-0.10	-0.41	
1100.	4	1492.2	1.2	1493.0	1490.4	4	-0.2	0.29	5.51	4.74	9	-0.15	-0.08	-0.25	
1200.	3	1492.0	0.8	1492.8	1491.8	3	0.0	0.29	5.02	4.45	8	-0.11	-0.07	-0.16	
1300.	3	1492.4	0.6	1492.6	1491.8	3	0.2	0.16	4.74	4.28	8	-0.08	-0.05	-0.11	
1400.	3	1493.1	0.3	1493.3	1492.7	3	0.2	0.13	4.47	4.05	8	-0.06	-0.04	-0.09	
1500.	3	1495.8	0.2	1495.9	1495.6	3	0.4	0.10	4.02	3.75	8	-0.04	-0.03	-0.05	
1750.	3	1495.0	0.2	1499.1	1498.8	3	0.4	0.07	3.75	3.57	8	-0.03	-0.01	-0.03	
2000.	3	1505.9	0.2	1506.1	1505.7	3	0.4	0.10	3.38	3.18	4	-0.02	-0.02	-0.02	
2500.	3	1512.4	0.2	1512.8	1512.4	3	0.4	0.10	2.94	2.72	4	-0.03	-0.03	-0.03	
3000.	2	1527.7	0.1	1527.7	1527.6	2	0.5	0.02	2.36	2.33	2	-0.01	-0.01	-0.01	

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 115 FOR MONTH 12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NU	AVG	S D	MAX	MIN	NU	AVG	MAX	MIN
0.	19	1528.6	1.2	1530.4	1526.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	19	1528.8	1.2	1530.6	1526.6	19	0.5	0.9	0.6	0.3	19	-0.01	0.15	-0.15
20.	19	1528.9	1.2	1530.7	1526.7	19	0.4	0.6	0.3	0.3	19	-0.01	0.12	-0.12
30.	19	1529.1	1.2	1530.9	1526.9	19	0.6	1.2	0.3	0.3	19	0.00	0.06	-0.06
50.	19	1529.3	1.2	1531.1	1527.3	19	0.3	1.5	-3.0	-6.1	19	-0.10	-0.32	-1.37
75.	19	1529.4	1.4	1531.2	1527.0	19	-0.7	0.5	-6.1	-6.1	19	-0.44	0.34	-2.44
100.	19	1528.5	2.2	1531.5	1524.7	19	-1.5	0.5	-6.1	-6.1	19	-0.74	0.01	-2.56
125.	19	1526.2	1.9	1529.3	1523.0	19	-2.9	0.5	-7.1	-7.1	19	-1.29	0.01	-2.90
150.	19	1524.6	2.1	1528.9	1521.9	19	-1.5	-0.3	-4.9	-4.9	19	-0.73	-0.12	-1.91
200.	19	1523.5	1.7	1528.2	1520.9	19	-0.6	0.5	-3.9	-3.9	19	-0.40	-0.05	-1.65
250.	19	1523.1	1.0	1525.2	1521.2	19	0.0	0.5	-0.3	-0.3	19	-0.16	-0.07	-0.23
300.	19	1523.3	1.0	1525.5	1521.4	18	0.1	0.8	-0.3	-0.3	19	-0.24	-0.34	-2.43
400.	19	1523.7	1.2	1525.6	1520.1	19	0.1	0.6	-0.9	-0.9	19	-0.11	-0.03	-0.42
500.	19	1522.9	2.3	1526.0	1515.7	19	-0.4	0.3	-1.5	-1.5	20	-0.27	-0.08	-0.59
600.	19	1519.9	3.3	1525.0	1511.5	19	-1.2	-0.3	-3.0	-3.0	20	-0.48	-0.25	-0.70
700.	17	1515.1	4.5	1522.3	1505.2	17	-1.6	-0.9	-2.1	-2.1	18	-0.62	-0.42	-0.75
800.	14	1509.7	5.0	1516.5	1501.5	14	-2.0	-1.3	-2.6	-2.6	15	-0.69	-0.52	-0.65
900.	14	1503.0	5.2	1510.9	1495.0	14	-2.0	-1.7	-2.7	-2.7	15	-0.69	-0.60	-0.86
1000.	13	1498.0	4.3	1505.6	1491.3	13	-1.6	-0.6	-1.4	-1.4	14	-0.49	-0.32	-0.73
1100.	10	1495.2	3.1	1500.3	1490.0	10	-1.0	-0.1	-1.7	-1.7	11	-0.36	-0.06	-0.56
1200.	9	1493.2	1.9	1495.7	1490.0	9	-0.5	-0.3	-1.4	-1.4	10	-0.24	-0.10	-0.48
1300.	9	1492.5	1.3	1494.2	1490.4	9	0.1	1.5	-0.5	-0.5	10	-0.14	-0.10	-0.26
1400.	9	1492.8	1.0	1494.1	1491.2	9	0.1	0.2	-0.0	-0.0	10	-0.11	-0.06	-0.23
1500.	8	1493.4	0.9	1494.4	1492.1	8	0.2	0.3	0.1	0.1	9	-0.06	-0.06	-0.11
1700.	6	1496.1	0.3	1496.5	1495.6	6	0.3	0.3	0.3	0.3	7	-0.05	-0.04	-0.06
2000.	6	1499.1	0.3	1499.4	1498.6	6	0.4	0.4	0.4	0.4	6	-0.03	-0.02	-0.04
2500.	5	1504.0	0.2	1506.2	1505.6	5	0.5	0.5	0.5	0.4	5	-0.02	-0.02	-0.04
3000.	2	1512.5	0.1	1512.5	1512.4	2	0.4	0.4	0.4	0.4	2	-0.03	-0.03	-0.03
4000.	1	1527.7	0.0	1527.7	1527.7	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.01
5000.	1	1544.9	0.0	1544.9	1544.9	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1528.2	0.0	1528.2	1528.2	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	1	1528.5	0.0	1528.5	1528.5	1	0.7	0.7	0.7	0.7	2	-0.18	-0.03	-0.34
20.	1	1528.5	0.0	1528.5	1528.5	1	0.3	0.3	0.3	0.3	2	-0.23	-0.46	-0.66
30.	1	1528.7	0.0	1528.7	1528.7	1	0.6	0.6	0.6	0.6	2	-0.50	-0.97	-1.30
40.	1	1528.7	0.0	1528.7	1528.7	1	0.0	0.0	0.0	0.0	2	-0.30	-0.30	-0.30
50.	1	1528.6	0.0	1528.6	1528.6	1	0.0	0.0	0.0	0.0	2	-0.20	-0.06	-0.33
60.	1	1528.6	0.0	1528.6	1528.6	1	0.0	0.0	0.0	0.0	2	-0.39	-0.10	-0.69
70.	1	1527.0	0.0	1527.0	1527.0	1	-1.2	-1.2	-1.2	-1.2	2	-0.40	-0.09	-0.71
80.	1	1526.0	0.0	1526.0	1526.0	1	-1.5	-1.5	-1.5	-1.5	2	-0.42	-0.84	-0.84
90.	1	1523.9	0.0	1523.9	1523.9	1	0.0	0.0	0.0	0.0	2	-0.13	-0.03	-0.23
100.	1	1523.6	0.0	1523.6	1523.6	1	-0.2	-0.2	-0.2	-0.2	2	-0.12	-0.02	-0.23
110.	1	1522.7	0.0	1522.7	1522.7	1	0.0	0.0	0.0	0.0	2	-0.01	-0.02	-0.02
120.	1	1519.9	0.0	1519.9	1519.9	1	-0.9	-0.9	-0.9	-0.9	2	-0.16	-0.10	-0.22
130.	1	1514.2	0.0	1514.2	1514.2	1	-1.8	-1.8	-1.8	-1.8	2	-0.32	-0.20	-0.45
140.	1	1507.4	0.0	1507.4	1507.4	1	-2.1	-2.1	-2.1	-2.1	2	-0.48	-0.28	-0.69
150.	1	1499.7	0.0	1499.7	1499.7	1	-2.3	-2.3	-2.3	-2.3	2	-0.60	-0.47	-0.73
160.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	-0.61	-0.46	-0.76
170.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.91	-0.91	-0.91
180.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.58	-0.58	-0.58
190.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.48	-0.48	-0.48
200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.24	-0.24	-0.24
210.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.20	-0.20	-0.20
220.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.11	-0.11	-0.11
230.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.10	-0.10	-0.10
240.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.03	-0.03	-0.03
250.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.03	-0.03	-0.03
260.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.03	-0.03	-0.03
270.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
	NU	AVG	S D	MAX	MIN	NU	AVG	S D	MAX	MIN	AVG	MAX
0.	28	1518.7	8.3	1530.7	1495.0	0	0.0	2.42	22.70	11.64	0.00	0.00
10.	28	1518.7	8.3	1530.7	1495.4	28	-0.1	2.40	22.44	11.66	-0.17	0.70
20.	28	1518.7	8.2	1529.7	1495.9	28	-0.1	2.38	22.16	11.68	-0.22	0.40
30.	28	1516.7	8.2	1529.4	1496.3	28	-0.3	2.37	21.92	11.70	-0.21	0.15
40.	28	1516.6	8.1	1529.1	1497.1	28	-0.3	2.34	21.64	11.73	-0.24	0.12
50.	28	1518.3	8.1	1527.9	1498.1	28	-0.4	2.32	21.01	11.78	-0.24	0.15
75.	28	1517.4	8.2	1526.7	1498.8	28	-0.5	2.33	20.29	11.81	-0.30	0.05
100.	28	1517.4	8.4	1525.8	1498.8	28	-0.5	2.31	19.72	11.70	-0.30	0.02
125.	28	1517.1	8.7	1525.3	1498.6	28	-0.4	2.45	19.59	11.51	-0.27	-0.01
150.	28	1516.5	9.4	1524.5	1496.6	28	-0.3	2.64	19.00	10.70	-0.21	0.16
200.	28	1516.2	10.4	1523.9	1492.2	28	-0.2	2.90	18.33	9.31	-0.20	0.16
300.	28	1515.8	11.5	1523.9	1489.5	28	-0.2	3.16	18.22	8.14	-0.14	-0.01
400.	28	1514.4	13.4	1525.1	1483.1	27	-0.6	3.64	18.07	6.35	-0.30	0.04
500.	28	1511.6	14.7	1526.3	1480.7	27	-1.1	3.96	17.03	5.36	-0.33	0.04
600.	28	1507.3	14.7	1526.6	1480.2	26	-1.5	3.91	16.39	4.83	-0.54	-0.06
700.	28	1502.4	13.3	1520.9	1480.6	27	-1.5	3.54	15.23	4.52	-0.54	-0.06
800.	28	1497.5	11.2	1515.3	1481.4	28	-1.6	2.92	13.14	4.33	-0.57	-0.05
900.	28	1493.4	9.1	1507.9	1482.5	28	-1.1	2.09	10.62	4.18	-0.44	-0.05
1000.	28	1491.0	5.3	1501.3	1483.4	28	-0.6	1.38	8.57	4.05	-0.33	-0.03
1100.	28	1499.7	3.3	1497.2	1486.8	28	-0.3	0.84	6.04	3.94	-0.22	-0.03
1200.	28	1489.6	2.0	1494.4	1486.1	28	0.1	0.53	5.39	3.85	-0.11	-0.03
1300.	28	1490.1	1.4	1493.5	1487.4	28	0.2	0.38	5.39	3.77	-0.06	-0.02
1400.	28	1491.0	1.0	1493.1	1486.9	28	0.3	0.27	4.40	3.72	-0.06	-0.01
1500.	28	1492.1	0.8	1493.7	1490.3	28	0.3	0.21	4.45	3.67	-0.04	-0.01
1750.	28	1495.3	0.5	1496.2	1494.1	27	0.4	0.13	4.12	3.56	-0.03	-0.01
2000.	28	1498.8	0.4	1499.4	1497.7	27	0.4	0.10	3.36	3.41	-0.02	-0.01
2500.	28	1505.9	0.5	1506.7	1504.7	27	0.4	0.12	3.52	3.05	-0.02	-0.01
3000.	28	1512.7	0.6	1513.7	1511.6	28	0.4	0.13	3.13	2.66	-0.02	-0.01
4000.	27	1527.4	0.1	1528.2	1527.4	27	0.5	0.05	2.45	2.26	-0.01	-0.01
5000.	8	1545.4	0.0	1545.4	1545.3	8	0.6	0.01	2.32	2.29	0.00	0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	53	1527.4	4.7	1534.8	1514.5	0	0.0	0.0	0.0	54	21.37	1.81	24.35	16.45	0	0.00	0.00	0.00
10.	53	1526.8	5.1	1533.7	1511.4	53	-2.2	0.7	-9.8	54	21.04	1.92	23.80	15.86	54	-1.07	0.03	-3.47
20.	53	1526.0	5.6	1533.8	1508.4	53	-2.2	0.6	-9.1	54	20.70	2.04	23.79	15.16	54	-1.02	0.03	-3.05
30.	53	1525.4	6.0	1534.0	1505.8	53	-2.1	0.6	-7.9	54	20.39	2.17	23.77	14.30	54	-0.96	-0.03	-2.57
50.	53	1524.1	6.6	1534.2	1501.9	53	-1.8	6.7	-6.7	54	19.81	2.35	23.73	12.99	54	-0.88	1.22	-2.41
75.	53	1522.4	6.6	1530.9	1499.8	53	-2.1	5.6	-15.1	54	19.60	2.28	22.19	12.36	54	-0.98	1.19	-4.63
100.	54	1520.6	7.5	1528.8	1493.7	53	-1.4	0.6	-11.2	54	18.37	2.29	21.22	13.54	54	-0.66	0.06	-3.62
125.	54	1519.8	7.5	1528.1	1494.5	54	-1.0	1.0	-7.8	54	17.95	2.27	20.77	10.59	54	-0.51	0.05	-2.47
150.	54	1519.3	7.5	1527.1	1495.4	54	-0.6	2.4	-5.5	54	17.63	2.25	20.24	10.68	54	-0.37	0.37	-1.89
200.	54	1518.6	7.9	1525.0	1496.3	54	-0.3	0.7	-5.2	54	17.15	2.35	19.18	10.63	54	-0.25	0.05	-1.68
250.	54	1518.2	9.2	1524.1	1492.1	54	-0.3	0.5	-4.0	54	16.77	2.71	18.60	9.25	54	-0.24	-0.01	-1.26
300.	54	1517.9	10.4	1524.0	1489.4	53	-0.0	0.9	-3.0	54	16.44	3.03	18.26	8.33	54	-0.15	0.08	-0.96
400.	54	1517.3	12.6	1525.4	1483.7	54	-0.3	0.6	-2.4	54	15.80	3.58	18.17	6.52	54	-0.23	-0.01	-0.73
500.	54	1515.4	14.5	1526.3	1481.6	54	-0.8	0.6	-3.0	54	14.76	4.03	17.94	5.57	54	-0.39	-0.01	-1.34
600.	55	1511.9	14.8	1526.9	1480.4	55	-1.2	0.6	-3.7	55	13.29	4.03	17.59	4.87	55	-0.50	-0.06	-1.13
700.	55	1507.2	13.8	1523.9	1481.2	52	-1.6	0.6	-2.9	55	11.47	3.70	16.15	4.66	55	-0.60	-0.06	-0.94
800.	55	1502.0	11.9	1520.5	1481.9	55	-1.6	0.3	-3.4	55	9.60	3.10	14.63	4.45	55	-0.57	-0.05	-1.07
900.	54	1497.3	9.1	1513.9	1482.7	52	-1.6	0.3	-3.0	54	7.90	2.31	12.26	4.24	54	-0.55	-0.05	-0.91
1000.	54	1493.3	6.2	1506.6	1483.7	48	-0.9	0.6	-2.4	54	6.43	1.55	9.84	4.08	49	-0.38	-0.03	-0.77
1100.	54	1491.0	3.9	1500.8	1485.0	54	-0.6	0.4	-1.8	54	5.45	0.95	7.89	3.98	54	-0.28	-0.02	-0.60
1200.	54	1490.3	2.3	1496.8	1486.3	54	0.0	0.6	-1.1	54	4.86	0.37	6.46	3.90	54	-0.12	-0.02	-0.40
1300.	51	1490.8	1.5	1494.3	1487.7	51	0.1	0.4	-0.8	52	4.56	0.37	5.43	3.83	52	-0.10	-0.02	-0.31
1400.	47	1491.5	1.2	1493.6	1489.1	47	0.3	0.6	-0.1	48	4.34	0.29	4.85	3.76	48	-0.06	-0.01	-0.15
1500.	46	1492.5	1.0	1494.0	1490.5	46	0.3	0.5	0.0	46	4.18	0.24	4.54	3.71	46	-0.03	-0.01	-0.12
1750.	46	1495.6	0.6	1496.7	1494.1	46	0.4	0.6	0.2	46	3.91	0.16	4.13	3.57	46	-0.03	0.01	-0.03
2000.	46	1498.9	0.4	1499.9	1497.8	45	0.4	0.5	0.3	46	3.70	0.12	3.93	3.42	45	-0.02	-0.01	-0.06
2500.	46	1506.0	0.5	1506.9	1504.5	44	0.4	0.5	0.3	46	3.35	0.14	3.56	3.01	46	-0.02	-0.01	-0.04
3000.	46	1512.8	0.5	1513.7	1511.4	45	0.4	0.6	0.3	46	2.92	0.13	3.15	2.60	45	-0.03	-0.01	-0.04
4000.	44	1527.7	0.0	1528.0	1527.3	36	0.5	0.6	0.4	44	2.34	0.04	2.40	2.25	42	-0.01	0.00	-0.01
5000.	6	1545.3	0.0	1545.5	1545.2	6	0.5	0.6	0.5	6	2.30	0.03	2.34	2.28	6	-0.00	0.00	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 6

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	30	1531.7	5.4	1539.1	1519.0	0.0	0	0.0	2.31	26.83	18.80	0.00	0	0.00	0.00	0.00
10.	30	1530.4	5.7	1539.2	1516.4	-4.0	30	-4.0	3.0	-10.8	17.86	-4.36	35	-1.58	0.70	-4.57
20.	30	1529.1	6.0	1539.3	1516.4	-4.1	29	-4.1	0.4	-10.7	17.67	-4.57	24	-1.56	0.70	-4.57
30.	31	1527.4	6.6	1539.3	1512.9	-4.7	30	-4.7	6.1	-24.4	16.45	-8.46	35	-2.21	1.83	-8.46
50.	31	1524.7	8.4	1538.9	1503.0	-3.8	31	-3.8	5.5	-19.1	13.25	-12.94	35	-2.07	1.58	-12.94
75.	31	1521.6	9.0	1536.0	1500.9	-5.4	30	-5.4	1.5	-83.3	12.49	-25.91	35	-1.92	2.5	-25.91
100.	31	1520.2	8.5	1532.8	1500.7	-1.8	31	-1.8	0.2	-5.4	11.81	-2.35	35	-0.84	0.05	-2.35
125.	31	1519.0	8.2	1529.8	1499.4	-1.6	31	-1.6	0.2	-5.4	11.81	-2.35	35	-0.84	0.05	-2.35
150.	31	1517.8	8.5	1528.3	1497.3	-1.2	30	-1.2	0.1	-3.0	11.10	-5.02	35	-0.69	-0.13	-5.02
200.	31	1515.7	5.6	1525.0	1492.5	-0.9	31	-0.9	1.5	-7.1	9.60	-2.21	35	-0.52	0.05	-2.21
250.	31	1514.7	10.6	1524.1	1489.1	-0.7	30	-0.7	0.4	-3.4	8.50	-1.17	35	-0.40	-0.04	-1.17
300.	31	1513.6	11.8	1523.7	1486.1	-0.6	29	-0.6	0.6	-2.6	7.51	-0.84	35	-0.36	-0.02	-0.84
400.	31	1510.7	14.1	1525.0	1481.2	-0.8	30	-0.8	6.1	-3.2	5.89	-1.12	35	-0.45	0.30	-1.12
500.	31	1506.7	14.9	1525.8	1480.1	-1.8	29	-1.8	0.4	-4.9	5.21	-3.51	34	-0.69	-0.03	-3.51
600.	31	1502.5	14.6	1525.8	1480.0	-1.4	31	-1.4	0.4	-2.9	4.79	-0.96	35	-0.51	-0.02	-0.96
700.	31	1497.9	12.7	1521.5	1480.7	-1.6	31	-1.6	0.3	-3.6	4.56	-1.09	35	-0.53	-0.06	-1.09
800.	30	1493.8	10.6	1516.8	1481.6	-1.1	30	-1.1	0.4	-3.2	4.38	-1.01	34	-0.38	-0.05	-1.01
900.	29	1491.0	8.0	1512.2	1482.7	-0.7	29	-0.7	0.4	-3.0	4.23	-0.63	34	-0.30	-0.04	-0.63
1000.	29	1489.3	5.1	1503.5	1483.9	-0.3	29	-0.3	0.6	-3.0	4.10	-0.41	34	-0.18	-0.01	-0.41
1100.	29	1488.8	3.1	1497.7	1485.1	-0.1	29	-0.1	0.5	-1.9	4.01	-0.65	34	-0.15	-0.01	-0.65
1200.	29	1489.0	1.8	1494.0	1486.4	0.2	29	0.2	0.5	-0.7	3.93	-0.41	34	-0.08	0.07	-0.41
1300.	29	1489.7	1.2	1492.7	1487.7	0.2	29	0.2	0.5	-0.4	3.83	-0.40	34	-0.06	-0.01	-0.40
1400.	29	1490.8	1.0	1493.5	1488.9	0.3	28	0.3	0.5	0.2	3.73	-0.38	34	-0.04	-0.02	-0.38
1500.	29	1491.9	0.9	1494.2	1490.2	0.4	28	0.4	0.5	0.2	3.64	-0.37	33	-0.03	-0.01	-0.37
1750.	28	1495.2	0.6	1496.6	1493.7	0.4	22	0.4	0.5	0.3	3.46	-0.06	32	-0.03	-0.01	-0.06
2000.	26	1498.8	0.4	1500.1	1498.3	0.5	20	0.5	0.5	0.4	3.42	-0.03	30	-0.02	-0.01	-0.03
2500.	26	1505.9	0.4	1505.9	1505.1	0.4	20	0.4	0.5	0.4	3.13	-0.04	30	-0.02	-0.01	-0.04
3000.	25	1512.8	0.3	1514.0	1512.3	0.4	25	0.4	0.5	0.4	2.68	-0.02	26	-0.03	-0.02	-0.02
4000.	22	1527.8	0.0	1528.4	1527.5	0.5	22	0.5	0.6	0.5	2.28	-0.02	26	-0.01	-0.00	-0.02
5000.	11	1545.4	0.0	1545.5	1545.3	0.5	11	0.5	0.6	0.5	2.35	-0.03	11	0.00	0.00	-0.03

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	9	1537.6	5.1	1541.1	1524.5	0	0.0	0.0	0.0	14	25.08	2.03	27.16	21.47	0	0.00	0.00	0.00		
10.	9	1538.3	2.7	1541.1	1532.5	9	2.1	24.4	-5.2	14	25.17	1.69	27.12	21.55	14	0.26	7.32	-2.41		
20.	9	1538.1	3.1	1541.3	1532.1	9	-0.6	0.6	-4.9	14	25.01	1.75	27.10	21.20	14	-0.56	0.30	-2.26		
30.	9	1536.8	5.9	1541.4	1522.6	9	-4.0	0.3	-29.0	14	24.25	2.65	27.10	18.23	14	-2.52	-0.03	-10.24		
50.	9	1535.1	7.6	1540.7	1516.9	9	-2.9	0.3	-8.7	14	22.92	3.59	26.57	14.49	14	-1.92	-0.15	-3.86		
75.	9	1532.3	8.7	1538.2	1511.5	9	-3.3	-1.0	-6.6	14	21.39	3.83	25.18	13.42	14	-1.50	-0.17	-3.05		
100.	9	1531.0	6.6	1538.3	1517.2	9	-3.2	0.1	-9.1	14	20.55	3.53	25.01	13.34	14	-1.29	-0.06	-3.05		
125.	9	1528.7	8.2	1538.1	1510.1	9	-2.8	-0.2	-8.7	14	19.69	3.54	24.71	13.30	14	-1.04	-0.05	-2.73		
150.	9	1526.9	9.4	1537.5	1504.7	9	-2.2	-0.3	-6.1	14	19.01	3.53	24.26	12.81	14	-0.71	-0.15	-1.37		
200.	9	1524.3	10.0	1535.2	1499.7	9	-1.2	-0.1	-2.9	14	18.04	3.46	22.96	11.41	14	-0.55	-0.04	-1.24		
250.	9	1522.8	9.7	1531.2	1497.8	8	-0.9	0.4	-2.4	14	17.33	3.46	21.10	9.96	14	-1.02	2.13	-11.28		
300.	9	1522.0	10.1	1529.9	1495.6	9	-0.4	0.4	-1.3	14	16.74	3.73	20.34	8.99	14	-0.47	-0.03	-3.03		
400.	9	1521.1	11.6	1527.4	1490.9	8	-0.2	0.4	-2.0	14	15.86	4.25	18.88	6.95	13	-0.21	-0.01	-0.70		
500.	9	1519.5	13.2	1526.5	1485.9	9	-0.4	0.1	-1.3	14	14.89	4.58	18.03	5.63	13	-0.30	-0.13	-0.53		
600.	9	1515.8	14.4	1525.5	1483.6	9	-1.4	-0.3	-6.2	14	13.40	4.61	17.16	5.01	13	-0.53	-0.19	-1.84		
700.	9	1511.3	14.0	1522.7	1482.9	9	-1.3	-0.2	-1.8	14	11.80	4.21	15.80	4.63	14	-0.51	-0.12	-0.98		
800.	8	1508.0	10.8	1518.1	1482.9	8	-1.9	0.3	-3.5	13	10.25	3.37	13.93	4.41	13	-0.61	-0.06	-1.13		
900.	8	1501.4	8.3	1512.0	1483.7	7	-1.9	0.5	-2.6	13	8.26	2.42	11.74	4.27	12	-0.57	-0.01	-0.89		
1000.	8	1495.9	6.0	1505.7	1485.0	8	-1.6	0.2	-2.2	13	6.69	1.61	9.62	4.18	13	-0.44	-0.01	-0.71		
1100.	8	1492.3	4.4	1501.1	1485.7	8	-1.0	0.2	-1.4	13	5.58	1.07	7.97	4.05	13	-0.31	-0.00	-0.48		
1200.	8	1490.8	2.2	1494.7	1486.8	8	-0.3	0.4	-1.5	13	4.91	0.60	5.95	3.99	13	-0.16	-0.02	-0.30		
1300.	8	1490.9	1.3	1492.6	1488.1	7	0.1	0.4	-0.2	13	4.53	0.38	5.03	3.91	13	-0.11	-0.02	-0.20		
1400.	8	1491.7	0.9	1492.7	1489.5	8	0.3	0.4	0.1	13	4.31	0.30	4.63	3.67	12	-0.06	-0.01	-0.09		
1500.	8	1492.6	0.8	1493.6	1490.9	7	0.3	0.6	0.2	13	4.14	0.26	4.44	3.51	12	-0.04	-0.02	-0.06		
1750.	8	1495.7	0.5	1496.3	1494.5	7	0.4	0.4	0.4	12	3.91	0.17	4.09	3.50	11	-0.02	-0.00	-0.04		
2000.	8	1499.1	0.4	1499.6	1498.1	8	0.4	0.5	0.4	12	3.73	0.12	3.87	3.49	12	-0.02	-0.03	-0.04		
2500.	8	1506.2	0.3	1506.6	1505.5	6	0.4	0.4	0.4	12	3.38	0.09	3.50	3.18	11	-0.02	-0.02	-0.04		
3000.	8	1513.1	0.3	1513.4	1512.3	8	0.4	0.6	0.4	12	2.98	0.10	3.08	2.76	12	-0.03	-0.02	-0.04		
4000.	7	1527.8	0.0	1528.3	1527.7	6	0.5	0.6	0.5	9	2.36	0.05	2.48	2.29	8	-0.01	-0.01	-0.02		
5000.	1	1545.2	0.0	1545.2	1545.2	1	0.5	0.5	0.5	2	2.30	0.02	2.31	2.28	2	-0.00	-0.00	-0.00		

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	25	1539.3	2.6	1543.8	1532.0	0	0.0	0.0	0.0	27	26.55	1.03	28.42	23.68	0	0.00	0.00	0.00
10.	27	1539.3	2.4	1543.3	1532.5	25	-0.4	3.0	-4.1	28	26.46	0.98	28.15	23.72	28	-0.33	0.61	-2.00
20.	27	1539.3	2.5	1543.0	1533.6	27	0.3	16.3	-5.8	28	26.37	1.02	27.96	24.04	28	-0.20	5.59	-2.77
30.	28	1538.6	3.1	1543.0	1529.0	27	-3.9	1.0	-29.5	28	25.97	1.30	27.87	22.15	28	-1.93	0.25	-13.16
50.	28	1535.6	6.5	1543.2	1517.3	28	-4.7	0.6	-17.8	28	24.53	2.63	27.81	17.62	28	-2.21	0.02	-6.90
75.	28	1532.1	7.9	1540.9	1510.4	26	-4.5	-0.5	-9.1	28	22.90	2.99	26.52	15.26	27	-2.06	-0.41	-3.19
100.	28	1528.4	8.3	1538.5	1504.5	27	-4.5	-1.0	-14.4	28	21.24	2.93	25.22	13.36	27	-1.95	-0.61	-5.90
125.	27	1525.7	8.0	1535.3	1501.9	27	-3.3	-0.5	-11.8	27	20.06	2.70	23.66	12.49	27	-1.49	-0.33	-4.41
150.	26	1523.4	8.1	1532.7	1499.4	25	-2.4	-0.2	-6.7	26	19.08	2.61	22.35	11.68	26	-1.06	-0.23	-2.74
200.	25	1520.7	8.5	1529.1	1495.1	24	-1.1	1.0	-3.5	25	17.83	2.60	20.63	10.28	24	-0.53	-0.14	-1.37
250.	24	1519.2	9.9	1527.2	1492.3	22	-0.7	1.5	-2.8	24	17.13	2.94	19.67	9.32	23	-0.41	-0.15	-1.18
300.	24	1518.1	11.2	1526.2	1489.2	23	-0.3	3.0	-2.3	24	16.55	3.25	19.01	8.31	23	-0.28	-0.08	-0.84
400.	24	1516.0	12.6	1525.2	1482.4	23	-0.6	0.8	-2.5	24	15.43	3.86	18.13	6.18	23	-0.34	-0.05	-0.95
500.	24	1512.9	15.1	1525.5	1480.5	20	-1.1	0.4	-2.8	24	14.06	4.18	17.69	5.30	21	-0.49	-0.04	-1.03
600.	23	1509.6	14.7	1524.3	1479.6	22	-1.4	-0.6	-3.4	23	12.62	3.98	16.78	4.69	23	-0.62	-0.08	-2.34
700.	21	1506.0	12.8	1518.6	1480.2	19	-1.9	0.2	-3.0	21	11.11	3.38	14.58	4.43	20	-0.67	-0.08	-1.01
800.	21	1500.2	10.5	1512.3	1480.9	21	-1.7	0.3	-2.7	21	9.10	2.71	12.28	4.21	21	-0.59	-0.06	-0.89
900.	20	1495.2	7.7	1504.6	1481.9	20	-1.4	0.3	-2.5	20	7.34	1.93	9.72	4.05	20	-0.49	-0.05	-0.81
1000.	20	1491.9	5.0	1498.4	1483.0	19	-0.9	0.3	-2.0	20	6.08	1.23	7.70	3.92	19	-0.37	-0.04	-0.64
1100.	20	1490.1	3.2	1494.6	1484.3	20	-0.3	0.4	-1.3	20	5.23	0.78	6.33	3.83	20	-0.20	-0.02	-0.45
1200.	20	1489.7	2.1	1493.1	1485.7	19	-0.0	0.5	-0.7	20	4.73	0.51	5.53	3.76	20	-0.12	-0.01	-0.31
1300.	20	1490.2	1.5	1492.6	1487.0	20	0.2	0.5	-0.2	20	4.43	0.37	5.00	3.68	20	-0.09	-0.02	-0.16
1400.	20	1490.9	1.2	1492.7	1488.4	20	0.3	0.5	0.1	20	4.21	0.28	4.62	3.60	20	-0.06	-0.01	-0.12
1500.	20	1491.9	1.0	1493.5	1489.7	19	0.3	0.4	0.2	20	4.05	0.23	4.41	3.52	19	-0.05	-0.02	-0.08
1750.	20	1495.1	0.7	1496.1	1493.3	20	0.4	0.6	0.3	20	3.80	0.18	4.04	3.37	20	-0.02	0.02	-0.04
2000.	19	1498.7	0.7	1499.9	1497.1	19	0.4	0.5	0.4	19	3.65	0.18	3.93	3.26	19	-0.02	-0.01	-0.03
2500.	12	1505.8	0.6	1506.5	1504.5	12	0.4	0.6	0.4	12	3.31	0.14	3.48	3.00	12	-0.02	-0.01	-0.03
3000.	4	1512.5	0.7	1513.4	1511.7	3	0.4	0.5	0.4	4	2.86	0.17	3.08	2.67	4	-0.02	-0.02	-0.03
4000.	2	1528.0	0.2	1528.1	1527.8	2	0.5	0.5	0.5	2	2.37	0.04	2.40	2.34	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	18	1533.8	7.9	1541.4	1516.8	0	0.0	0.0	0.0	19	24.43	2.76	27.21	18.62	0	0.00	0.00	0.00
10.	18	1534.0	7.8	1541.4	1516.9	18	0.4	4.1	-2.4	19	24.39	2.74	27.19	18.55	19	-0.14	1.12	-1.42
20.	18	1534.1	7.8	1541.7	1517.0	18	0.7	8.1	-3.0	19	24.32	2.74	27.22	18.47	19	-0.32	1.10	-2.59
30.	18	1534.0	7.6	1541.0	1517.1	18	-0.5	4.0	-5.8	19	24.12	2.73	27.02	18.39	19	-0.61	1.13	-2.87
50.	18	1531.8	8.8	1541.3	1514.5	17	-8.3	0.8	-23.9	19	23.04	3.27	26.97	17.56	19	-3.62	0.16	-8.89
75.	19	1523.5	14.2	1541.1	1495.9	18	-7.2	0.5	-21.2	19	20.03	4.78	26.70	11.09	19	-2.69	0.10	-7.19
100.	19	1519.7	14.9	1540.2	1495.6	19	-1.6	8.1	-7.9	19	18.51	4.91	26.03	11.17	19	-0.94	1.75	-3.23
125.	19	1518.2	13.2	1537.1	1497.4	19	-1.9	6.3	-10.5	19	17.74	4.25	24.46	11.25	19	-1.00	1.37	-4.67
150.	17	1516.3	12.4	1534.3	1498.1	16	-2.1	4.3	-8.5	17	16.91	3.93	23.05	11.34	16	-0.96	0.85	-3.54
200.	17	1513.7	12.0	1529.2	1497.9	17	-1.7	0.9	-4.4	17	15.75	3.65	20.69	11.05	17	-0.70	0.10	-1.45
250.	17	1511.2	13.6	1525.1	1492.2	17	-1.6	0.2	-3.5	17	14.77	4.00	18.95	9.33	17	-0.61	-0.11	-1.07
300.	17	1509.0	15.5	1524.5	1487.9	17	-1.3	0.3	-3.5	17	13.90	4.45	18.43	7.99	17	-0.49	-0.07	-1.08
400.	17	1505.2	18.6	1524.7	1481.4	17	-1.3	0.3	-7.1	17	12.41	5.17	17.95	5.95	17	-0.51	-0.07	-2.24
500.	17	1501.6	19.2	1524.8	1480.3	17	-0.8	0.4	-2.7	17	10.99	5.25	17.45	5.25	17	-0.38	-0.04	-0.80
600.	17	1498.4	18.2	1524.0	1480.0	14	-0.6	0.3	-2.9	17	9.63	4.89	16.67	4.79	17	-0.43	-0.05	-1.54
700.	17	1495.6	16.5	1521.1	1480.2	16	-0.7	0.3	-2.1	17	8.42	4.35	15.31	4.45	17	-0.35	-0.05	-0.74
800.	17	1493.2	14.0	1518.1	1480.8	17	-0.8	0.3	-3.0	17	7.34	3.63	13.89	4.19	17	-0.35	-0.05	-0.92
900.	17	1491.1	11.5	1516.1	1481.7	17	-0.6	0.5	-2.4	17	6.36	2.95	12.89	4.00	17	-0.29	-0.05	-0.72
1000.	17	1489.0	7.3	1504.2	1482.8	17	-0.6	0.4	-5.1	17	5.39	1.81	9.23	3.86	17	-0.28	-0.02	-1.52
1100.	17	1487.9	4.3	1498.1	1484.0	16	-0.1	0.5	-1.9	17	4.69	1.04	7.21	3.77	17	-0.15	-0.01	-0.64
1200.	16	1488.4	2.6	1494.7	1486.0	16	0.2	0.4	-1.0	16	4.40	0.63	5.94	3.82	16	-0.08	-0.02	-0.39
1300.	16	1489.1	1.7	1492.9	1487.3	15	0.2	0.5	-0.5	16	4.18	0.41	5.09	3.75	15	-0.06	-0.01	-0.26
1400.	14	1490.0	1.1	1492.5	1488.7	14	0.4	0.5	0.2	14	3.99	0.27	4.58	3.67	14	-0.04	-0.01	-0.09
1500.	14	1491.3	0.9	1493.1	1490.0	14	0.4	0.8	0.2	13	3.89	0.22	4.33	3.60	14	-0.03	-0.01	-0.08
1750.	13	1494.6	0.7	1495.9	1493.7	12	0.4	0.6	0.3	13	3.69	0.17	3.99	3.46	13	-0.02	-0.01	-0.05
2000.	13	1498.3	0.6	1499.7	1497.4	13	0.5	0.5	0.4	13	3.54	0.16	3.90	3.34	13	-0.01	-0.01	-0.02
2500.	12	1505.5	0.9	1507.8	1504.5	12	0.4	0.5	0.4	12	3.25	0.23	3.79	3.00	12	-0.02	-0.01	-0.03
3000.	5	1512.1	0.7	1513.2	1511.4	5	0.4	0.5	0.4	5	2.76	0.16	3.03	2.59	5	-0.02	-0.02	-0.03
4000.	4	1527.9	0.5	1528.4	1527.4	3	0.5	0.5	0.5	5	2.35	0.11	2.51	2.26	5	-0.01	-0.00	-0.01
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	2.33	0.00	2.33	2.33	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 115 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	9	1529.7	5.0	1536.8	1518.2	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	9	1529.6	5.4	1536.9	1516.8	9	-0.3	0.3	-4.3	-4.3	9	-0.23	-0.33	-1.45
20.	9	1529.6	5.8	1537.0	1515.7	9	-0.2	0.6	-3.4	-3.4	9	-0.19	0.03	-1.22
30.	9	1529.6	6.0	1537.0	1514.8	9	-0.1	0.6	-2.7	-2.7	9	-0.22	-0.06	-1.01
50.	9	1529.6	6.3	1537.2	1514.1	9	0.3	1.5	-1.0	-1.0	9	-0.10	0.30	-0.58
75.	9	1529.6	6.2	1537.4	1514.3	9	-0.6	0.3	-3.0	-3.0	9	-0.44	-0.33	-1.37
100.	9	1528.8	6.4	1535.2	1512.6	8	-1.4	0.6	-3.4	-3.4	8	-0.72	-0.10	-1.33
125.	9	1527.2	6.7	1533.1	1510.1	9	-2.2	-0.7	-3.6	-3.6	9	-1.06	-0.50	-1.52
150.	9	1525.2	6.8	1531.0	1507.6	9	-2.5	-1.3	-4.1	-4.1	9	-1.11	-0.73	-1.78
200.	9	1522.4	7.2	1527.0	1503.6	8	-1.3	-0.3	-2.6	-2.6	9	-0.61	-0.23	-1.69
250.	9	1521.0	8.0	1525.4	1499.9	9	-0.7	0.1	-2.4	-2.4	9	-0.41	-0.13	-1.00
300.	9	1520.2	9.2	1524.6	1496.0	9	-0.4	0.7	-2.4	-2.4	9	-0.27	-0.23	-0.78
400.	9	1519.3	11.7	1525.4	1489.4	7	-0.5	0.4	-2.1	-2.1	9	-0.25	-0.05	-0.75
500.	9	1517.7	13.6	1525.1	1484.6	9	-0.5	0.3	-2.1	-2.1	9	-0.29	-0.36	-0.74
600.	9	1514.6	14.0	1523.1	1482.6	9	-1.5	-0.5	-2.8	-2.8	9	-0.58	-0.24	-0.96
700.	9	1509.5	13.4	1519.2	1481.8	9	-1.6	-0.2	-2.7	-2.7	9	-0.60	-0.19	-0.90
800.	9	1504.2	11.7	1513.3	1482.0	9	-1.7	0.1	-2.6	-2.6	9	-0.60	-0.10	-0.83
900.	7	1497.1	5.8	1506.1	1482.6	7	-1.4	0.2	-2.2	-2.2	7	-0.50	-0.08	-0.69
1000.	7	1493.7	6.8	1500.6	1483.6	7	-1.0	0.5	-2.1	-2.1	7	-0.38	-0.02	-0.68
1100.	7	1491.3	4.5	1496.1	1484.7	7	-0.6	0.3	-1.5	-1.5	7	-0.27	-0.34	-0.51
1200.	7	1490.5	3.0	1494.1	1486.0	6	-0.3	0.4	-1.1	-1.1	7	-0.18	-0.03	-0.39
1300.	7	1490.7	2.3	1493.8	1487.3	7	0.1	0.4	-0.2	-0.2	7	-0.10	-0.03	-0.17
1400.	7	1491.2	1.8	1493.9	1488.6	7	0.2	0.4	-0.0	-0.0	7	-0.08	-0.02	-0.12
1500.	7	1492.0	1.4	1494.1	1490.0	7	0.4	1.5	0.1	0.1	7	-0.05	-0.04	-0.10
1750.	7	1494.9	0.8	1496.0	1493.7	7	0.4	0.5	0.3	0.3	7	-0.03	-0.01	-0.05
2000.	7	1498.3	0.4	1498.8	1497.5	7	0.5	0.5	0.3	0.3	7	-0.02	-0.01	-0.04
2500.	3	1505.8	0.4	1506.4	1505.0	3	0.6	1.5	0.4	0.4	7	-0.01	-0.01	-0.02
3000.	3	1513.1	0.4	1513.4	1512.6	3	0.4	0.4	0.4	0.4	3	-0.02	-0.02	-0.02
4000.	3	1528.0	0.2	1528.1	1527.7	3	0.5	0.5	0.5	0.5	3	-0.01	-0.01	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	20	1519.6	8.3	1531.5	1503.4	0	0.0	0.0	0.0	25	19.06	2.56	23.03	13.60	0	0.00	0.00	0.00
10.	21	1518.6	9.5	1531.6	1496.9	21	0.3	0.7	-1.2	27	18.80	2.84	23.02	11.91	27	-0.09	0.14	-0.54
20.	22	1519.2	9.6	1531.8	1497.2	21	0.3	0.6	-1.2	27	18.78	2.84	23.01	11.95	27	-0.09	0.15	-0.52
30.	24	1519.7	9.3	1532.0	1497.6	23	0.2	1.5	-1.5	29	18.83	2.78	23.01	11.99	29	-0.10	0.23	-0.76
50.	24	1519.8	9.3	1532.3	1498.6	24	-0.2	1.5	-9.1	29	18.77	2.78	23.03	12.17	29	-0.16	0.27	-2.90
75.	24	1519.8	9.3	1532.0	1502.5	23	-0.5	5.4	-12.2	29	18.64	2.80	22.74	12.94	28	-0.29	1.16	-4.42
100.	24	1519.4	9.5	1532.4	1501.6	23	-0.5	1.0	-9.1	29	18.40	2.84	22.71	12.61	28	-0.29	0.34	-3.35
125.	24	1518.9	9.9	1532.9	1499.8	23	-1.1	0.7	-7.8	29	18.15	2.94	22.68	11.90	28	-0.47	0.33	-2.82
150.	24	1518.3	10.4	1531.8	1496.4	24	-0.8	1.9	-4.6	29	17.83	3.06	21.98	10.87	29	-0.41	0.37	-1.83
200.	21	1517.1	11.1	1529.0	1491.1	19	-1.0	0.5	-3.4	26	17.22	3.13	20.61	9.24	25	-0.52	-0.04	-2.59
250.	19	1516.4	12.7	1526.2	1486.8	19	-0.6	0.5	-3.0	24	16.75	3.40	19.31	7.91	24	-0.32	-0.02	-0.76
300.	19	1515.5	14.0	1524.3	1483.8	18	-0.6	0.5	-2.8	23	16.20	3.73	18.39	6.92	23	-0.27	-0.07	-0.93
400.	18	1515.0	15.9	1525.0	1480.3	17	-0.3	0.6	-2.1	22	15.65	4.13	18.04	5.64	22	-0.20	0.00	-0.80
500.	17	1515.7	15.0	1526.7	1481.3	14	-0.5	0.5	-2.7	21	15.33	3.85	18.05	5.50	19	-0.25	0.00	-0.99
600.	17	1513.2	15.9	1527.6	1479.9	17	-0.9	0.3	-2.8	20	14.66	4.10	17.81	4.76	20	-0.40	-0.08	-0.92
700.	16	1510.7	15.6	1526.0	1480.2	15	-1.0	0.1	-2.3	19	12.84	3.89	16.77	4.42	18	-0.44	-0.08	-0.76
800.	14	1504.5	13.5	1514.6	1480.8	14	-1.5	0.3	-2.5	17	10.84	3.44	15.01	4.17	17	-0.57	-0.06	-0.86
900.	13	1499.4	11.0	1513.2	1481.8	13	-1.5	0.3	-2.5	17	8.97	2.70	12.95	4.02	17	-0.56	-0.05	-0.91
1000.	11	1494.8	8.4	1505.6	1482.9	11	-1.2	0.3	-2.4	15	7.29	2.07	10.91	3.90	15	-0.49	-0.02	-0.79
1100.	11	1492.0	5.6	1499.3	1484.2	10	-0.8	0.4	-1.9	15	5.99	1.40	8.85	3.81	15	-0.37	-0.03	-0.64
1200.	11	1490.9	3.9	1497.0	1485.6	10	-0.1	0.4	-1.2	15	5.17	0.98	7.17	3.73	15	-0.22	-0.02	-0.47
1300.	11	1491.0	2.9	1495.4	1487.0	10	0.1	0.4	-0.5	15	4.65	0.71	5.87	3.66	15	-0.13	-0.02	-0.40
1400.	11	1491.5	2.2	1494.4	1488.3	10	0.2	0.5	-0.3	15	4.33	0.53	5.21	3.59	15	-0.09	-0.01	-0.23
1500.	11	1492.2	1.6	1494.0	1489.8	11	0.3	0.5	0.1	15	4.09	0.41	4.85	3.53	15	-0.07	-0.01	-0.11
1750.	9	1494.9	1.1	1496.3	1493.4	8	0.4	0.7	0.3	11	3.72	0.33	4.15	3.09	11	-0.04	-0.02	-0.09
2000.	7	1498.2	0.8	1495.2	1497.1	7	0.4	0.5	0.4	8	3.56	0.21	3.83	3.27	8	-0.02	-0.01	-0.03
2500.	4	1504.9	0.8	1506.1	1504.3	4	0.4	0.5	0.4	5	3.17	0.24	3.47	2.96	5	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FUR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1525.2	0.0	1525.2	1525.2	0	0.0	0.0	0.0	1	20.44	0.00	20.44	20.44	0	0.00	0.00	0.00
10.	1	1525.4	0.0	1525.4	1525.4	1	0.6	0.6	0.6	1	20.45	0.00	20.45	20.45	1	0.03	0.03	0.03
20.	1	1525.5	0.0	1525.5	1525.5	1	0.3	0.3	0.3	1	20.45	0.00	20.45	20.45	1	0.00	0.00	0.00
30.	1	1525.7	0.0	1525.7	1525.7	1	0.6	0.6	0.6	1	20.46	0.00	20.46	20.46	1	0.03	0.03	0.03
50.	1	1526.0	0.0	1526.0	1526.0	1	0.5	0.5	0.5	1	20.45	0.00	20.45	20.45	1	-0.03	-0.03	-0.03
75.	1	1526.4	0.0	1526.4	1526.4	1	0.5	0.5	0.5	1	20.44	0.00	20.44	20.44	1	-0.01	-0.01	-0.01
100.	1	1526.7	0.0	1526.7	1526.7	1	0.4	0.4	0.4	1	20.40	0.00	20.40	20.40	1	-0.05	-0.05	-0.05
125.	1	1526.8	0.0	1526.8	1526.8	1	0.1	0.1	0.1	1	20.29	0.00	20.29	20.29	1	-0.13	-0.13	-0.13
150.	1	1526.7	0.0	1526.7	1526.7	1	-0.1	-0.1	-0.1	1	20.11	0.00	20.11	20.11	1	-0.22	-0.22	-0.22
200.	1	1525.6	0.0	1525.6	1525.6	1	-0.7	-0.7	-0.7	1	19.38	0.00	19.38	19.38	1	-0.45	-0.45	-0.45
250.	1	1525.0	0.0	1525.0	1525.0	1	-0.1	-0.1	-0.1	1	18.89	0.00	18.89	18.89	1	-0.24	-0.24	-0.24
300.	1	1524.9	0.0	1524.9	1524.9	1	-0.1	-0.1	-0.1	1	18.56	0.00	18.56	18.56	1	-0.20	-0.20	-0.20
400.	1	1525.7	0.0	1525.7	1525.7	1	0.3	0.3	0.3	1	17.96	0.00	17.96	17.96	1	-0.08	-0.08	-0.08
500.	1	1526.4	0.0	1526.4	1526.4	1	0.4	0.4	0.4	1	17.96	0.00	17.96	17.96	1	-0.03	-0.03	-0.03
600.	1	1525.5	0.0	1525.5	1525.5	1	-0.3	-0.3	-0.3	1	17.17	0.00	17.17	17.17	1	-0.24	-0.24	-0.24
700.	1	1522.7	0.0	1522.7	1522.7	1	-0.8	-0.8	-0.8	1	15.78	0.00	15.78	15.78	1	-0.41	-0.41	-0.41
800.	1	1518.0	0.0	1518.0	1518.0	1	-1.7	-1.7	-1.7	1	13.89	0.00	13.89	13.89	1	-0.66	-0.66	-0.66
900.	1	1512.4	0.0	1512.4	1512.4	1	-1.7	-1.7	-1.7	1	12.85	0.00	12.85	12.85	1	-0.62	-0.62	-0.62
1000.	1	1507.0	0.0	1507.0	1507.0	1	-1.6	-1.6	-1.6	1	9.94	0.00	9.94	9.94	1	-0.58	-0.58	-0.58
1100.	1	1501.0	0.0	1501.0	1501.0	1	-1.9	-1.9	-1.9	1	7.93	0.00	7.93	7.93	1	-0.62	-0.62	-0.62
1200.	1	1496.1	0.0	1496.1	1496.1	1	-1.5	-1.5	-1.5	1	6.26	0.00	6.26	6.26	1	-0.51	-0.51	-0.51
1300.	1	1492.5	0.0	1492.5	1492.5	1	-1.1	-1.1	-1.1	1	5.00	0.00	5.00	5.00	1	-0.38	-0.38	-0.38
1400.	1	1492.8	0.0	1492.8	1492.8	1	0.1	0.1	0.1	1	4.65	0.00	4.65	4.65	1	-0.10	-0.10	-0.10
1500.	1	1493.2	0.0	1493.2	1493.2	1	0.1	0.1	0.1	1	4.36	0.00	4.36	4.36	1	-0.09	-0.09	-0.09
1750.	1	1495.4	0.0	1495.4	1495.4	1	0.4	0.4	0.4	1	3.87	0.00	3.87	3.87	1	-0.04	-0.04	-0.04
2000.	1	1498.5	0.0	1498.5	1498.5	1	0.4	0.4	0.4	1	3.60	0.00	3.60	3.60	1	-0.03	-0.03	-0.03
2500.	1	1505.2	0.0	1505.2	1505.2	1	0.4	0.4	0.4	1	3.17	0.00	3.17	3.17	1	-0.03	-0.03	-0.03
3000.	1	1512.6	0.0	1512.6	1512.6	1	0.5	0.5	0.5	1	2.89	0.00	2.89	2.89	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 3

DEPTH	VELOCITY				V				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1517.5	14.0	1528.4	1488.1	0	0.0	0.0	0.0	13	18.82	3.55	22.68	9.54	0	0.00	0.00	0.00
10.	8	1517.7	14.0	1528.5	1488.2	8	0.5	0.7	0.3	13	18.81	3.55	22.66	9.51	13	-0.03	0.10	-0.24
20.	8	1517.9	13.9	1528.6	1488.7	8	0.6	2.4	0.3	13	18.60	3.54	22.63	9.57	13	-0.13	0.43	-1.52
30.	8	1517.6	14.0	1528.7	1489.4	8	-3.1	2.1	-27.4	13	18.71	3.58	22.66	9.72	13	-0.70	0.46	-7.37
40.	9	1517.6	12.1	1529.0	1494.1	8	-0.4	6.1	-9.1	14	18.54	3.28	22.67	10.78	13	-0.35	1.34	-3.66
50.	9	1516.8	11.8	1528.7	1495.3	9	-0.7	3.0	-7.9	14	18.19	3.21	22.42	11.01	14	-0.44	0.05	-2.96
60.	9	1516.3	11.5	1528.8	1498.1	9	-0.2	1.5	-2.6	14	17.91	3.11	22.00	11.11	14	-0.23	0.38	-1.16
70.	9	1515.7	9.9	1528.2	1498.1	8	-0.9	2.6	-10.3	14	17.56	2.71	21.13	11.53	14	-0.60	0.55	-3.71
80.	9	1514.9	9.2	1527.1	1498.5	9	-0.9	0.5	-4.9	14	17.16	2.49	20.25	11.47	13	-0.48	-0.02	-1.90
90.	7	1515.4	7.5	1526.3	1504.0	7	-2.6	0.6	-8.7	12	17.16	2.09	19.59	12.82	12	-0.51	0.39	-2.70
100.	7	1513.4	9.8	1523.3	1501.2	7	-0.4	0.6	-1.7	12	16.57	2.63	18.65	11.79	12	-0.22	0.10	-0.61
120.	7	1513.0	10.6	1522.8	1499.5	7	-0.4	0.4	-1.4	12	16.25	2.78	18.23	11.07	12	-0.20	-0.01	-0.63
140.	7	1512.1	11.8	1523.2	1498.5	6	-0.5	0.2	-1.6	12	15.50	3.09	18.17	10.32	12	-0.33	-0.04	-1.10
160.	6	1505.6	15.3	1522.6	1490.5	6	-1.8	0.1	-4.3	11	14.02	4.11	18.01	7.80	11	-0.50	-0.12	-1.24
180.	5	1458.0	14.5	1518.8	1486.4	5	-1.5	-1.0	-1.7	10	12.34	4.68	17.10	5.87	10	-0.46	-0.27	-0.66
200.	5	1494.4	14.7	1512.1	1482.3	5	-1.1	-0.2	-2.0	10	10.87	4.44	15.60	4.95	10	-0.43	-0.20	-0.74
220.	5	1491.4	11.2	1503.7	1482.3	5	-0.7	0.1	-2.2	10	9.25	3.69	13.57	4.55	10	-0.49	-0.09	-0.86
240.	5	1489.5	7.8	1498.4	1483.1	4	-0.2	0.2	-1.3	10	7.75	2.79	11.17	4.34	9	-0.41	-0.06	-0.74
260.	5	1488.2	5.2	1494.3	1493.8	5	-0.3	0.2	-1.3	9	6.26	1.88	8.79	4.11	9	-0.33	-0.07	-0.63
280.	5	1487.8	3.3	1491.3	1494.8	5	0.1	0.3	-0.3	9	5.44	1.32	7.68	3.94	8	-0.22	-0.05	-0.50
300.	5	1488.3	2.4	1491.2	1488.2	5	0.1	0.4	-0.3	9	4.95	1.00	6.93	3.88	9	-0.12	-0.01	-0.26
320.	5	1489.0	1.7	1490.9	1487.6	5	0.4	0.5	0.3	9	4.04	0.78	6.07	3.82	9	-0.09	-0.02	-0.20
340.	5	1490.0	1.2	1491.5	1489.0	5	0.3	0.4	0.2	9	4.57	0.60	5.40	3.74	9	-0.08	-0.02	-0.20
360.	5	1491.1	1.1	1492.3	1490.3	5	0.4	0.4	0.2	9	4.14	0.45	4.82	3.66	9	-0.07	-0.02	-0.14
380.	3	1495.1	0.4	1495.1	1494.4	3	0.4	0.4	0.3	7	3.92	0.21	4.19	3.64	7	-0.04	-0.02	-0.07
400.	3	1498.2	0.2	1498.4	1498.0	3	0.4	0.5	0.4	6	3.70	0.18	3.72	3.68	6	-0.02	-0.01	-0.03
420.	1	1504.8	0.0	1504.8	1504.8	1	0.4	0.4	0.4	4	3.55	0.19	3.52	3.68	4	-0.03	-0.02	-0.03
440.	1	1511.5	0.0	1511.5	1511.5	1	0.4	0.4	0.4	4	2.92	0.20	3.10	2.64	4	-0.02	-0.02	-0.03
460.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2	2.39	0.02	2.40	2.37	2	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG
0.	27	1510.5	20.2	1532.2	1463.0	0	0.0	0.0	23.22	3.93	0	0.00
10.	27	1511.1	15.1	1532.2	1463.0	27	1.6	34.4	23.17	3.89	30	0.07
20.	27	1511.3	14.3	1532.2	1463.0	27	0.6	16.2	23.11	3.84	30	-0.13
30.	27	1511.4	17.8	1532.2	1463.1	27	-0.1	11.6	23.05	3.80	30	-0.48
50.	28	1512.1	16.7	1532.1	1465.1	28	1.0	12.2	22.86	4.12	31	-0.22
75.	28	1512.7	16.7	1531.3	1474.1	28	0.6	11.0	22.26	5.91	30	-0.08
100.	28	1513.0	13.4	1529.6	1481.5	28	0.2	6.8	21.47	7.48	30	-0.16
125.	28	1512.9	12.8	1528.6	1487.4	28	-0.2	7.2	21.11	8.78	30	-0.23
150.	28	1512.6	12.7	1528.3	1491.5	28	-0.3	5.0	20.73	9.66	30	-0.26
200.	28	1511.1	13.1	1526.3	1490.7	28	-1.4	0.6	19.69	9.13	30	-0.53
300.	28	1508.0	16.9	1524.5	1485.1	27	-0.7	0.6	18.43	7.26	29	-0.31
400.	28	1506.1	20.0	1525.8	1479.0	27	-0.3	0.7	17.99	5.02	29	-0.22
500.	28	1504.5	21.5	1526.5	1479.3	28	-0.4	0.5	17.23	4.69	29	-0.25
600.	27	1502.2	20.9	1525.9	1479.6	26	-0.5	0.4	15.99	4.46	28	-0.27
700.	27	1499.9	18.9	1523.7	1480.2	25	-0.8	0.6	14.39	4.26	26	-0.43
800.	26	1497.1	16.0	1519.8	1481.0	24	-1.1	0.4	12.29	4.10	27	-0.41
900.	26	1494.1	12.0	1514.0	1482.1	26	-1.0	0.6	9.80	3.96	27	-0.33
1000.	26	1491.5	8.3	1506.5	1483.2	25	-0.8	0.5	7.91	3.84	27	-0.25
1100.	26	1489.9	5.4	1500.9	1484.4	25	-0.5	0.4	6.54	3.75	27	-0.11
1200.	26	1487.5	3.6	1497.1	1485.7	26	0.1	0.6	5.67	3.66	27	-0.06
1300.	26	1485.3	2.6	1495.3	1487.0	25	0.2	0.5	5.19	3.54	27	-0.02
1400.	26	1490.8	2.0	1495.0	1488.3	26	0.3	0.6	4.78	3.52	27	-0.04
1500.	26	1491.9	1.5	1495.0	1489.7	26	0.3	0.6	4.16	3.42	27	-0.03
1700.	26	1475.0	1.0	1496.6	1493.5	26	0.4	0.5	3.58	3.23	27	-0.03
2000.	26	1478.4	0.7	1495.7	1496.9	26	0.4	0.6	3.24	2.84	26	-0.03
2500.	25	1505.4	1.0	1506.9	1503.8	24	0.4	0.5	3.18	2.47	21	-0.03
3000.	21	1512.4	1.0	1513.9	1510.8	21	0.4	0.4	2.42	2.20	14	-0.01
4000.	15	1527.7	0.2	1528.1	1527.1	13	0.5	0.6				

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	47	1528.4	8.3	1538.5	1501.5	0	0.0	0.0	0.0	61	21.61	3.08	25.95	11.58	3	0.00	0.00	0.00
10.	48	1527.8	8.8	1538.7	1500.7	48	-2.7	9.8	-30.5	62	21.50	3.22	25.95	10.87	52	-1.17	2.24	-10.06
20.	49	1526.8	9.6	1538.8	1500.0	49	-3.1	8.5	-39.6	62	21.12	3.48	25.94	10.16	62	-1.26	2.25	-13.00
30.	49	1525.8	10.7	1539.0	1499.4	49	-3.5	1.5	-29.0	62	20.59	3.70	25.94	10.93	62	-1.47	6.39	-9.24
50.	49	1523.7	11.9	1538.5	1491.1	49	-3.5	4.4	-27.4	61	19.60	3.93	25.56	10.19	61	-1.31	4.27	-8.41
75.	49	1520.9	12.6	1536.0	1487.7	49	-3.4	4.9	-23.7	61	18.72	3.92	24.30	9.35	61	-1.25	3.76	-7.47
100.	50	1519.2	12.4	1536.2	1484.2	49	-1.8	14.6	-23.8	62	18.60	3.73	24.17	9.26	62	-0.60	14.67	-7.65
125.	50	1517.9	11.9	1536.2	1493.8	50	-1.6	11.7	-19.1	62	17.42	3.54	23.96	10.49	62	-0.70	2.72	-5.64
150.	49	1516.7	11.7	1536.1	1492.6	49	-0.9	3.0	-5.1	61	16.90	3.41	23.75	10.07	61	-0.52	1.93	-2.15
200.	49	1515.3	11.5	1530.4	1492.9	49	-1.0	3.5	-6.7	60	16.06	3.40	21.15	9.71	60	-0.51	0.73	-2.29
250.	49	1513.7	12.8	1525.0	1490.0	49	-0.9	2.2	-5.5	60	15.32	3.77	18.90	8.73	60	-0.42	0.41	-1.75
300.	49	1512.2	14.2	1524.7	1486.4	49	-0.9	0.6	-4.3	59	14.58	4.17	19.49	7.50	59	-0.41	-0.01	-1.54
400.	49	1509.1	16.7	1525.4	1481.3	49	-0.9	0.6	-6.9	58	13.23	4.82	18.17	5.90	58	-0.34	0.00	-2.13
500.	49	1506.0	18.0	1526.5	1479.4	48	-1.0	0.6	-3.5	55	11.69	5.12	17.99	4.75	55	-0.39	-0.01	-1.14
600.	50	1502.5	17.7	1527.4	1479.5	50	-1.2	0.4	-4.3	56	10.33	4.90	17.74	4.26	56	-0.44	0.03	-1.31
700.	48	1498.1	16.1	1526.3	1480.2	47	-1.0	0.3	-4.6	54	8.75	4.32	16.88	4.37	53	-0.39	0.03	-1.46
800.	48	1494.7	13.7	1521.8	1480.5	48	-1.0	0.6	-2.9	54	7.48	3.56	15.01	4.13	54	-0.37	-0.02	-1.00
900.	47	1492.2	10.9	1514.3	1481.5	46	-0.8	0.4	-3.2	53	6.43	2.75	12.38	3.97	52	-0.33	-0.02	-1.05
1000.	45	1490.6	7.9	1507.9	1482.8	44	-0.6	0.5	-2.4	51	5.54	1.95	10.18	3.87	50	-0.25	-0.02	-0.78
1100.	42	1489.7	5.4	1502.2	1484.0	39	-0.3	0.5	-2.0	48	5.03	1.30	8.26	3.77	46	-0.18	-0.02	-0.66
1200.	40	1489.5	3.5	1498.8	1485.3	40	-0.1	0.4	-1.6	46	4.59	0.82	6.94	3.68	45	-0.13	-0.02	-0.55
1300.	37	1489.9	2.3	1496.2	1487.3	37	0.1	0.5	-1.0	43	4.32	0.55	5.88	3.67	43	-0.08	-0.01	-0.37
1400.	31	1491.0	1.6	1494.5	1488.7	31	0.3	0.6	-0.5	37	4.16	0.41	5.07	3.62	37	-0.05	-0.02	-0.26
1500.	27	1492.0	1.3	1494.0	1490.1	26	0.3	0.5	0.1	33	4.01	0.31	4.54	3.57	33	-0.04	-0.01	-0.15
1750.	27	1495.0	0.7	1496.1	1493.6	27	0.4	0.5	0.1	33	3.74	0.19	4.04	3.42	33	-0.03	-0.01	-0.09
2000.	26	1498.4	0.6	1499.4	1497.0	25	0.4	0.5	0.3	32	3.56	0.16	3.63	3.24	31	-0.02	0.04	-0.05
2500.	21	1505.4	0.7	1506.5	1504.0	20	0.4	0.5	0.4	25	3.20	0.18	3.49	2.88	25	-0.02	0.04	-0.07
3000.	18	1512.2	0.8	1513.6	1510.8	18	0.4	0.5	0.4	21	2.76	0.20	3.13	2.43	21	-0.03	-0.02	-0.03
4000.	14	1527.6	0.0	1527.8	1527.2	14	0.5	0.5	0.5	14	2.31	0.04	2.37	2.23	14	-0.00	-0.00	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	WT	AVG	S D	MAX	MIN	NO	AVG	MAX	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	61	1511.6	5.9	1519.7	1518.2	0	0.0	0.0	2.25	26.47	18.37	0	0.00	0.00	0.00
10.	65	1510.5	6.7	1519.1	1512.7	63	-3.0	7.1	4.39	26.45	16.57	40	-1.16	2.34	-7.75
20.	66	1529.4	7.4	1539.2	1508.6	65	-4.5	2.4	2.80	26.43	15.17	83	-1.65	0.30	-19.27
30.	66	1527.7	8.5	1539.2	1508.6	65	-5.8	0.6	2.91	26.37	14.98	87	-2.49	0.37	-15.59
40.	65	1524.3	11.5	1534.4	1495.3	64	-5.6	8.5	3.58	26.06	8.93	81	-2.18	1.83	-26.86
50.	63	1521.2	12.1	1537.9	1487.0	63	-2.9	7.6	3.65	25.06	7.34	81	-1.39	1.83	-4.82
100.	64	1519.1	11.2	1536.5	1497.0	63	-2.0	14.3	3.38	24.36	11.54	80	-0.87	3.41	-5.21
125.	64	1517.7	10.7	1535.1	1498.5	64	-1.8	8.7	3.19	23.50	11.62	80	-0.71	2.11	-3.99
150.	63	1516.3	10.8	1532.5	1498.1	62	-1.4	5.2	3.14	22.29	11.11	80	-0.57	1.23	-3.49
200.	63	1514.1	11.4	1528.7	1492.0	63	-1.4	0.8	3.28	20.50	9.47	80	-0.52	0.04	-2.44
250.	63	1512.1	11.1	1526.4	1488.4	63	-1.2	0.7	3.65	19.39	9.33	74	-0.43	0.04	-1.72
300.	63	1510.5	14.7	1525.3	1485.3	62	-0.8	1.0	4.06	18.72	7.32	79	-0.37	-0.34	-1.12
400.	63	1507.5	17.4	1525.8	1481.0	62	-0.9	3.0	4.79	18.33	5.82	79	-0.37	-0.02	-1.35
500.	63	1504.5	19.1	1525.7	1478.5	63	-1.0	0.6	5.15	17.74	4.86	74	-0.34	-0.36	-1.13
600.	57	1501.8	19.7	1524.1	1478.6	56	-1.0	1.0	4.96	16.70	4.45	72	-0.42	-0.37	-0.11
700.	54	1499.7	16.6	1520.4	1479.2	53	-1.1	0.4	4.29	15.26	4.20	69	-0.47	-0.33	-1.05
800.	53	1496.5	13.7	1515.7	1480.2	53	-1.0	0.4	3.48	13.24	4.05	68	-0.47	-0.02	-1.12
900.	52	1493.4	10.2	1510.4	1481.5	52	-0.9	0.4	2.52	11.29	3.96	67	-0.42	-0.03	-0.91
1000.	49	1491.5	7.2	1506.0	1482.7	48	-0.7	0.5	1.74	9.69	3.85	63	-0.42	-0.01	-32.03
1100.	49	1490.0	4.7	1501.7	1483.9	49	-0.4	0.8	1.14	8.12	3.75	63	-0.43	0.04	-0.65
1200.	46	1489.6	3.0	1496.7	1485.3	47	-0.0	0.5	0.74	6.43	3.67	60	-0.14	-0.01	-0.53
1300.	47	1489.9	2.1	1493.4	1486.6	47	0.2	0.5	0.53	5.77	3.58	60	-0.11	-0.01	-1.41
1400.	47	1490.8	1.6	1493.9	1488.0	46	0.3	0.6	0.42	5.08	3.52	53	-0.06	-0.01	-0.16
1500.	47	1491.8	1.3	1494.3	1489.4	47	0.3	0.5	0.34	5.03	3.47	52	-0.04	0.02	-0.13
1750.	45	1494.9	0.9	1496.6	1492.9	45	0.4	0.6	0.22	4.28	3.29	49	-0.03	0.02	-0.04
2000.	41	1498.4	0.8	1499.7	1496.6	41	0.4	0.5	0.16	3.44	3.14	45	-0.02	-0.00	-0.07
2500.	29	1505.7	0.6	1506.6	1504.3	26	0.4	0.5	0.15	3.49	2.97	31	-0.02	-0.01	-0.05
3000.	23	1512.5	0.5	1513.4	1511.4	22	0.4	0.4	0.13	3.29	2.61	25	-0.03	-0.02	-0.03
4000.	19	1527.8	0.0	1528.1	1527.6	19	0.5	0.5	0.04	2.44	2.27	21	-0.01	-0.00	-0.02
5000.	1	1545.5	0.0	1545.5	1545.5	1	0.6	0.6	0.00	2.34	2.34	1	0.01	0.00	0.01

SUMMARY FOR QUADRANT 4 OF MARS DEN SQUARE 115 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	119	1577.0	3.7	1543.1	1525.1	0	0.0	0.0	0.0	139	25.39	1.39	28.20	21.52	0	0.00	0.00	0.00
10.	120	1536.2	4.9	1543.3	1516.2	118	-2.5	1.2	-37.3	141	24.94	1.86	28.21	18.45	140	-1.40	4.23	-14.02
20.	122	1534.3	6.4	1543.2	1507.6	118	-5.7	5.8	-62.5	143	24.26	2.39	28.09	15.22	140	-2.77	1.89	-23.24
30.	122	1532.1	8.6	1542.7	1499.4	118	-9.9	1.7	-49.8	143	23.09	3.15	27.82	12.62	139	-3.94	0.44	-16.65
50.	128	1527.7	11.0	1542.4	1488.0	120	-6.0	1.5	-24.6	153	21.15	3.83	27.33	9.35	149	-1.03	7.62	-54.68
75.	131	1524.6	10.6	1541.7	1492.3	121	-3.6	5.7	-16.3	159	19.78	3.53	26.78	10.26	151	-1.63	1.22	-14.52
100.	130	1522.4	10.1	1540.0	1495.3	124	-2.5	6.4	-19.8	159	18.87	3.25	25.90	10.91	156	-1.02	1.45	-8.03
125.	129	1521.2	9.8	1538.2	1495.9	123	-1.3	5.3	-5.6	157	18.34	3.04	25.17	10.93	153	-0.64	1.26	-2.40
150.	129	1520.4	9.6	1537.4	1494.1	125	-0.8	4.3	-4.4	157	17.91	2.96	24.31	10.23	153	-0.47	0.98	-1.83
200.	126	1519.1	10.5	1533.1	1487.3	125	-0.6	3.0	-5.0	154	17.25	3.11	22.18	8.24	153	-0.36	-0.02	-1.56
250.	126	1518.1	12.0	1529.5	1482.4	122	-0.6	1.0	-6.7	154	16.73	3.45	20.50	6.79	152	-0.31	-0.01	-2.07
300.	124	1517.7	13.2	1529.7	1479.7	122	-0.3	1.0	-4.5	152	16.34	3.75	20.33	5.91	151	-0.24	0.61	-1.59
400.	122	1515.6	15.4	1529.0	1478.3	120	-0.3	0.6	-4.1	151	15.55	4.31	19.46	5.17	150	-0.23	-0.01	-1.32
500.	119	1515.2	16.4	1528.0	1477.8	114	-0.5	0.5	-7.6	147	14.62	4.54	18.54	4.66	145	-0.30	-0.02	-1.12
600.	113	1514.1	15.4	1528.2	1477.9	103	-0.9	0.7	-3.6	138	13.62	4.27	18.04	4.27	128	-0.41	-0.06	-1.14
700.	103	1510.4	14.9	1527.2	1478.9	100	-1.1	0.5	-2.2	127	12.07	4.01	17.19	4.11	123	-0.47	0.17	-0.56
800.	97	1505.5	12.9	1525.0	1479.9	92	-1.5	0.5	-3.5	122	10.29	3.40	16.61	3.79	120	-0.55	-0.02	-1.37
900.	80	1500.8	10.4	1521.0	1481.1	77	-1.5	0.4	-3.2	102	8.66	2.67	15.91	3.88	99	-0.53	-0.02	-0.94
1000.	63	1495.1	7.4	1506.5	1482.3	60	-1.2	0.4	-2.6	83	6.90	1.97	14.56	3.75	83	-0.40	-0.03	-0.53
1100.	56	1492.3	5.1	1499.9	1483.5	55	-0.7	1.5	-2.1	75	5.79	1.43	12.58	3.65	74	-0.28	-0.02	-0.65
1200.	55	1491.0	3.5	1496.5	1484.9	54	-0.2	1.2	-1.6	73	5.08	0.99	9.95	3.59	73	-0.19	0.06	-0.80
1300.	51	1491.6	2.6	1494.9	1486.4	49	0.1	1.0	-0.6	66	4.63	0.65	6.67	3.54	65	-0.11	-0.01	-0.20
1400.	49	1491.6	1.9	1494.0	1488.1	49	0.2	1.0	-0.3	62	4.34	0.45	4.94	3.54	62	-0.08	-0.01	-0.15
1500.	49	1492.4	1.5	1494.3	1489.6	48	0.3	0.5	-0.1	60	4.13	0.37	4.62	3.48	60	-0.06	-0.02	-0.15
1750.	46	1495.2	1.0	1496.7	1493.1	43	0.4	0.6	0.1	57	3.80	0.24	4.18	3.32	57	-0.03	-0.01	-0.11
2000.	42	1498.6	0.8	1499.8	1496.7	41	0.5	3.0	0.3	54	3.60	0.21	3.90	3.18	54	-0.02	-0.01	-0.05
2500.	24	1506.3	0.3	1506.9	1505.3	23	0.4	0.5	0.3	35	3.34	0.17	3.58	2.91	35	-0.02	-0.00	-0.05
3000.	23	1513.2	0.3	1513.8	1512.3	20	0.4	0.5	0.3	31	2.96	0.15	3.17	2.42	29	-0.02	-0.01	-0.03
4000.	21	1527.9	0.1	1528.6	1527.5	20	0.5	0.6	0.5	28	2.39	0.06	2.56	2.26	28	-0.01	-0.00	-0.02
5000.	4	1545.3	0.3	1545.5	1545.0	4	0.5	0.5	0.5	5	2.31	0.05	2.35	2.23	5	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	50	1537.4	5.1	1544.1	1524.8	0	0.0	0.0	0.0	67	26.26	1.65	28.63	21.80	0	0.00	0.00	0.00
10.	49	1537.1	6.3	1544.0	1516.2	49	-1.1	27.4	-26.2	68	25.97	2.02	28.39	18.75	68	-0.92	9.45	-9.60
20.	49	1535.7	8.6	1544.7	1507.6	48	-6.2	8.5	-57.9	68	25.36	2.81	28.67	15.75	67	-2.49	2.93	-18.29
30.	51	1532.9	10.9	1543.9	1491.8	51	-10.2	1.2	-49.1	70	24.29	3.52	28.22	10.97	70	-4.24	0.05	-24.38
50.	51	1525.1	15.4	1543.3	1478.0	50	-10.6	9.1	-39.6	71	21.65	4.83	27.82	7.19	70	-5.31	2.13	-60.35
75.	51	1520.1	14.6	1541.7	1480.0	50	-4.0	21.8	-24.4	71	19.53	4.57	26.80	7.44	70	-1.95	5.38	-7.01
100.	51	1517.4	12.7	1539.0	1491.4	50	-2.4	29.6	-15.0	71	18.25	4.02	25.39	9.60	70	-1.27	7.47	-6.15
125.	51	1515.3	11.6	1535.7	1495.1	51	-2.6	8.5	-21.3	71	17.33	3.63	23.75	9.76	71	-1.10	2.13	-7.24
150.	48	1513.5	11.5	1532.5	1496.3	48	-2.2	7.2	-15.2	67	16.61	3.56	22.26	9.66	67	-0.79	1.65	-4.74
200.	44	1511.7	12.8	1526.9	1491.8	43	-1.5	1.0	-6.1	63	15.80	3.71	19.93	9.14	63	-0.37	10.55	-1.77
250.	40	1510.3	14.6	1526.0	1487.8	40	-1.2	1.0	-3.0	59	15.20	4.06	19.62	7.68	59	-0.48	-0.32	-2.55
300.	40	1508.3	16.2	1525.4	1484.2	39	-1.3	0.6	-4.8	59	14.50	4.41	19.20	7.08	58	-0.42	-0.03	-1.35
400.	40	1504.9	18.9	1525.3	1479.4	40	-0.9	0.6	-3.7	59	13.22	5.01	18.15	5.47	59	-0.36	-0.05	-1.19
500.	38	1502.7	20.9	1526.0	1475.9	37	-0.6	0.4	-3.7	55	12.16	5.33	17.84	4.26	55	-0.33	-0.05	-1.20
600.	38	1500.7	20.5	1526.4	1477.9	38	-0.7	0.9	-4.3	55	10.98	5.16	17.44	4.31	55	-0.40	0.08	-1.27
700.	37	1499.0	18.8	1525.5	1478.6	37	-0.7	0.8	-3.0	53	9.67	4.58	16.63	4.07	53	-0.43	0.00	-1.44
800.	37	1496.3	16.1	1523.3	1479.6	37	-1.0	0.7	-3.5	53	8.32	3.86	15.47	3.90	53	-0.45	-0.02	-1.84
900.	36	1493.9	12.7	1518.5	1480.9	36	-0.9	0.5	-3.1	52	7.13	2.98	13.58	3.81	52	-0.38	-0.02	-0.99
1000.	35	1491.8	9.2	1511.3	1482.2	35	-0.7	0.4	-2.9	50	6.04	2.11	11.12	3.74	50	-0.32	-0.02	-0.93
1100.	32	1490.6	6.3	1502.9	1483.6	31	-0.5	0.4	-2.6	47	5.30	1.40	8.44	3.68	46	-0.24	-0.02	-0.82
1200.	32	1489.9	4.2	1498.0	1485.0	32	-0.0	0.6	-1.1	47	4.77	0.92	6.75	3.61	47	-0.13	-0.01	-0.44
1300.	32	1490.1	3.0	1495.8	1486.4	31	0.1	0.5	-0.7	47	4.43	0.64	5.79	3.54	47	-0.10	-0.01	-0.44
1400.	32	1490.7	2.2	1494.6	1487.8	32	0.2	0.5	-0.5	46	4.18	0.47	5.10	3.46	46	-0.06	-0.01	-0.24
1500.	32	1491.7	1.7	1494.0	1489.2	32	0.3	0.6	-0.2	46	4.02	0.36	4.60	3.40	46	-0.04	0.07	-0.17
1750.	31	1494.9	1.1	1496.6	1493.0	29	0.4	0.8	0.2	46	3.76	0.25	4.17	3.31	45	-0.03	-0.00	-0.08
2000.	23	1498.5	0.9	1500.1	1497.1	22	0.4	0.5	0.4	38	3.61	0.19	3.98	3.20	38	-0.02	-0.01	-0.04
2500.	10	1505.8	1.2	1508.4	1504.2	9	0.4	0.5	0.4	24	3.33	0.21	3.94	2.93	24	-0.02	-0.01	-0.03
3000.	3	1511.5	0.9	1512.5	1510.8	2	0.4	0.4	0.4	16	2.86	0.18	3.15	2.46	16	-0.03	-0.02	-0.05
4000.	1	1527.8	0.0	1527.8	1527.8	1	0.5	0.5	0.5	12	2.40	0.12	2.72	2.32	12	-0.01	-0.00	-0.03
5000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	2	2.29	0.03	2.31	2.27	2	-0.00	0.00	-0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 9

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT						
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX
0.	45	1533.5	7.1	1544.0	1514.3	0	0	0.0	0.0	0.0	49	24.32	2.48	28.60	18.20	0.00	0.00	0.00	0.00
10.	46	1533.1	8.0	1544.0	1505.9	45	-0.4	7.5	-25.6	51	24.14	2.75	28.53	15.39	-0.41	0.95	-8.56	-0.41	0.95
20.	46	1532.9	8.7	1544.0	1498.1	44	-0.6	22.9	-23.3	51	24.02	2.96	28.46	12.95	-0.39	6.74	-7.44	-0.39	6.74
30.	46	1531.0	10.8	1542.7	1491.2	43	-0.7	3.7	-67.1	51	23.31	3.65	27.59	10.66	-3.25	0.85	-22.52	-3.25	0.85
50.	47	1524.8	16.1	1543.6	1484.2	44	-10.2	10.7	-50.0	51	20.80	5.39	27.57	8.64	-4.12	2.59	-18.87	-4.12	2.59
75.	46	1520.8	16.6	1539.6	1482.3	45	-4.8	5.7	-37.9	50	19.11	5.29	25.94	7.81	-2.04	1.22	-10.89	-2.04	1.22
100.	43	1518.3	16.0	1538.1	1477.7	41	-2.3	6.9	-6.1	47	17.98	4.92	25.08	6.64	-1.14	1.45	-2.72	-1.14	1.45
125.	43	1516.5	14.9	1535.4	1480.1	42	-2.4	5.1	-5.9	47	17.19	4.51	23.70	7.04	-0.98	1.02	-2.27	-0.98	1.02
150.	43	1514.8	14.4	1532.9	1482.3	42	-2.1	2.8	-6.5	47	16.50	4.30	22.49	7.41	-0.79	0.48	-2.12	-0.79	0.48
200.	42	1511.8	15.1	1529.0	1483.8	41	-1.6	0.4	-3.9	46	15.36	4.38	20.62	7.47	-0.63	-0.07	-1.68	-0.63	-0.07
250.	40	1509.5	17.0	1526.9	1479.8	40	-1.5	0.2	-5.1	43	14.62	4.81	19.55	6.14	-0.55	-0.10	-1.43	-0.55	-0.10
300.	38	1507.5	18.6	1525.6	1475.3	37	-1.2	1.0	-4.2	41	13.85	5.16	18.90	4.84	-0.47	0.10	-1.32	-0.47	0.10
400.	35	1506.2	20.3	1526.0	1477.3	33	-0.8	0.6	-3.8	38	13.02	5.52	18.40	4.92	-0.33	-0.03	-1.15	-0.33	-0.03
500.	33	1505.4	20.9	1525.4	1477.0	32	-0.7	0.4	-3.6	36	12.33	5.60	17.64	4.49	-0.42	-0.03	-3.74	-0.42	-0.03
600.	32	1503.6	19.8	1524.0	1477.8	31	-0.7	0.6	-3.5	36	11.13	5.31	16.68	4.29	-0.36	-0.03	-1.07	-0.36	-0.03
700.	32	1500.4	17.4	1522.9	1479.0	31	-1.2	0.4	-3.0	36	9.79	4.61	15.83	4.16	-0.44	-0.03	-1.00	-0.44	-0.03
800.	32	1496.8	14.0	1519.7	1480.3	30	-1.1	0.6	-2.9	36	8.38	3.70	14.42	4.07	-0.45	-0.01	-0.95	-0.45	-0.01
900.	29	1493.9	10.1	1510.9	1481.7	28	-1.2	0.5	-2.8	33	7.17	2.68	11.52	3.95	-0.44	-0.01	-0.94	-0.44	-0.01
1000.	27	1491.0	6.3	1501.1	1482.9	27	-0.8	1.0	-2.2	31	5.99	1.74	9.51	3.81	-0.33	-0.00	-0.70	-0.33	-0.00
1100.	27	1489.6	3.9	1495.1	1484.0	25	-0.4	0.5	-1.8	31	5.19	1.12	7.87	3.75	-0.23	-0.02	-0.59	-0.23	-0.02
1200.	26	1489.1	2.4	1492.4	1485.2	26	-0.1	0.5	-1.3	29	4.64	0.67	6.61	3.67	-0.16	-0.01	-0.44	-0.16	-0.01
1300.	26	1489.8	1.7	1491.7	1486.6	24	0.3	0.5	-0.1	28	4.37	0.46	5.59	3.59	-0.07	-0.01	-0.31	-0.07	-0.01
1400.	24	1490.9	1.2	1492.3	1488.9	24	0.3	0.5	0.1	26	4.23	0.33	5.02	3.74	-0.05	-0.01	-0.10	-0.05	-0.01
1500.	23	1492.2	1.0	1493.2	1490.4	22	0.4	0.6	0.2	25	4.11	0.26	4.72	3.69	-0.04	-0.01	-0.09	-0.04	-0.01
1750.	20	1495.4	0.6	1496.0	1494.0	19	0.4	0.8	0.3	23	3.88	0.15	4.11	3.53	-0.03	-0.02	-0.07	-0.03	-0.02
2000.	19	1498.9	0.5	1499.5	1497.7	19	0.4	0.6	0.4	22	3.70	0.12	3.83	3.42	-0.02	-0.01	-0.03	-0.02	-0.01
2500.	18	1506.0	0.4	1506.4	1504.9	17	0.4	0.5	0.4	20	3.54	0.11	3.46	3.11	-0.02	-0.01	-0.05	-0.02	-0.01
3000.	14	1513.0	0.2	1513.3	1512.4	12	0.4	0.4	0.4	16	2.96	0.13	3.18	2.58	-0.03	-0.01	-0.04	-0.03	-0.01
4000.	14	1527.9	0.1	1528.1	1527.5	12	0.5	1.0	0.4	14	2.38	0.03	2.43	2.30	-0.01	-0.01	-0.02	-0.01	-0.01
5000.	2	1545.3	0.4	1545.5	1545.0	2	0.5	0.5	0.5	3	2.29	0.06	2.33	2.22	-0.00	0.00	-0.00	-0.00	0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUAPE 115 FOR MONTH 10

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	110	1534.6	4.9	1540.7	1518.5	0.0	0	24.51	1.73	26.98	18.73	0	0	0.00	0.00	0.00
10.	110	1534.8	5.0	1540.8	1510.6	0.7	110	24.52	1.74	26.95	16.46	133	133	0.03	16.12	-3.19
20.	110	1534.9	5.5	1541.4	1502.7	0.5	108	24.51	1.86	27.17	13.93	133	133	-0.03	6.46	-7.71
30.	110	1534.7	6.1	1541.1	1495.9	-1.3	109	24.37	2.02	26.98	11.91	133	133	-0.60	2.68	-14.23
50.	110	1533.5	8.4	1541.5	1487.8	-3.1	107	23.80	2.72	26.92	9.60	132	132	-1.67	3.44	-14.14
75.	109	1530.0	10.0	1540.8	1495.4	-4.2	107	22.17	3.27	26.43	11.22	134	134	-1.93	1.98	-8.33
100.	109	1526.3	10.7	1540.4	1494.2	-3.9	107	20.64	3.34	25.98	10.68	131	131	-1.66	1.31	-7.64
125.	109	1523.1	10.9	1538.7	1495.3	-3.7	108	19.36	3.28	24.96	10.65	130	130	-1.52	0.85	-9.30
150.	109	1520.6	10.8	1536.2	1492.0	-3.1	108	18.36	3.17	23.75	9.67	129	129	-1.17	0.52	-6.21
200.	89	1517.2	11.5	1530.2	1493.4	-1.2	86	17.10	3.22	21.05	9.84	110	110	-0.54	0.23	-2.88
250.	89	1515.2	12.7	1526.8	1488.3	-1.3	88	16.31	3.48	20.26	8.31	109	109	-0.48	0.23	-2.27
300.	89	1513.3	14.2	1525.6	1484.9	-1.1	84	15.59	3.85	19.93	7.25	107	107	-0.40	-0.04	-2.02
400.	89	1510.2	17.0	1524.8	1480.4	-0.8	84	14.39	4.55	19.03	5.70	107	107	-0.33	-0.01	-2.13
500.	89	1507.3	18.6	1525.3	1479.7	-0.8	87	13.14	4.96	17.85	5.12	106	106	-0.39	-0.04	-3.14
600.	89	1504.0	18.5	1525.4	1479.4	-1.0	87	11.81	4.89	17.12	4.55	105	105	-0.43	-0.03	-1.29
700.	87	1500.9	16.8	1524.3	1479.5	-1.2	83	10.43	4.39	16.25	4.26	104	104	-0.48	0.09	-3.21
800.	85	1497.5	14.0	1520.9	1480.3	-1.2	83	8.99	3.64	14.75	4.05	102	102	-0.48	0.22	-1.13
900.	85	1494.1	10.8	1515.1	1481.5	-1.1	85	7.50	2.75	12.58	3.95	101	101	-0.45	0.03	-0.97
1000.	83	1491.5	7.7	1507.8	1482.7	-0.8	80	6.30	1.93	10.13	3.85	99	99	-0.37	-0.01	-0.99
1100.	80	1489.7	4.8	1500.1	1484.0	-0.5	79	5.54	1.18	7.71	3.75	97	97	-0.27	0.02	-2.77
1200.	79	1489.2	2.9	1496.2	1485.4	-0.1	79	4.73	0.70	6.31	3.68	96	96	-0.15	-0.01	-0.64
1300.	77	1489.7	2.0	1493.7	1486.6	0.2	76	4.35	0.47	5.27	3.59	83	83	-0.08	-0.01	-0.26
1400.	77	1490.6	1.4	1493.4	1488.0	0.3	75	4.15	0.35	4.81	3.51	84	84	-0.05	0.06	-0.19
1500.	75	1491.7	1.1	1493.8	1489.3	0.4	74	4.02	0.27	4.49	3.43	81	81	-0.04	-0.00	-0.12
1750.	70	1494.9	0.7	1496.3	1493.4	0.4	65	3.77	0.18	4.09	3.40	74	74	-0.03	-0.00	-0.06
2000.	62	1498.4	0.6	1499.9	1497.2	0.4	59	3.59	0.17	3.93	3.29	64	64	-0.02	-0.00	-0.04
2500.	44	1505.5	0.8	1506.9	1504.0	0.4	40	3.24	0.21	3.56	2.89	46	46	-0.01	-0.01	-0.11
3000.	33	1512.4	0.9	1513.8	1510.7	0.4	26	2.85	0.22	3.16	2.44	34	34	-0.02	0.01	-0.03
4000.	17	1527.6	0.2	1528.1	1527.2	0.5	15	2.31	0.06	2.43	2.21	18	18	-0.01	-0.00	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	42	1530.7	5.3	1538.1	1513.8	0	0.0	0.0	0.0	45	22.83	1.94	25.91	17.09	0	0.00	0.00	0.00
10.	42	1530.8	5.2	1538.2	1514.0	42	0.6	5.1	-2.0	45	22.82	1.91	25.90	17.10	45	-0.03	1.63	-1.05
20.	42	1531.0	5.2	1538.2	1514.2	42	0.3	3.0	-1.8	45	22.79	1.90	25.82	17.11	45	-0.10	0.10	-1.04
30.	42	1530.9	5.1	1538.4	1514.4	42	-0.0	1.0	-12.2	45	22.72	1.87	25.81	17.12	45	-0.20	0.10	-4.88
50.	42	1530.7	5.3	1538.5	1514.7	41	-0.5	1.0	-10.9	45	22.53	1.92	25.69	17.12	44	-0.34	0.09	-3.99
75.	42	1530.5	5.7	1538.2	1515.1	41	-0.9	9.5	-30.0	45	22.25	1.99	25.30	17.11	45	-0.49	2.49	-10.11
100.	41	1529.1	7.1	1537.1	1508.4	41	-1.8	3.0	-8.2	44	21.58	2.39	24.58	14.60	44	-0.99	0.03	-3.06
125.	41	1527.0	7.4	1535.7	1504.4	40	-2.6	1.5	-8.7	44	20.60	2.43	23.81	13.25	43	-1.20	0.06	-3.02
150.	38	1525.9	7.3	1533.5	1501.0	38	-2.5	-0.3	-6.7	41	19.98	2.30	22.64	12.12	41	-1.12	-0.25	-2.27
200.	34	1523.2	7.7	1529.8	1495.9	34	-1.8	0.5	-7.6	37	18.67	2.26	20.92	10.53	37	-0.76	-0.01	-2.36
250.	30	1521.2	9.1	1527.1	1492.2	29	-0.9	-0.1	-3.2	32	17.76	2.59	19.64	9.33	32	-0.52	-0.17	-2.51
300.	29	1520.1	10.3	1525.3	1487.8	28	-0.3	0.5	-3.6	31	17.16	2.85	18.71	7.96	31	-0.27	-0.05	-1.26
400.	29	1518.8	12.3	1525.0	1481.1	28	-0.3	1.4	-3.8	31	16.25	3.35	18.09	5.87	31	-0.29	0.33	-1.55
500.	27	1516.1	14.8	1526.0	1479.2	26	-0.9	0.4	-4.9	30	15.02	3.95	17.88	4.99	30	-0.40	-0.01	-1.56
600.	27	1512.9	15.4	1526.5	1479.0	25	-1.1	0.4	-3.5	29	13.43	4.13	17.52	4.55	28	-0.50	-0.04	-1.09
700.	26	1508.3	15.0	1525.1	1479.9	26	-1.2	0.4	-3.0	28	11.60	3.96	16.63	4.36	28	-0.50	-0.05	-0.89
800.	24	1503.1	13.9	1522.2	1480.8	24	-1.3	0.2	-2.3	28	9.94	3.60	15.18	4.19	28	-0.50	-0.06	-0.83
900.	23	1498.3	11.6	1518.5	1481.9	23	-1.2	0.3	-3.0	27	8.18	2.97	13.57	4.05	27	-0.48	-0.04	-0.95
1000.	19	1493.6	5.4	1511.8	1483.0	19	-0.9	0.5	-2.7	23	6.58	2.31	11.24	3.92	23	-0.36	-0.03	-0.88
1100.	19	1491.3	6.4	1505.6	1484.2	19	-0.5	0.5	-2.5	22	5.63	1.56	9.15	3.81	22	-0.28	-0.01	-0.77
1200.	18	1490.5	4.1	1499.6	1485.5	16	-0.3	0.4	-1.8	20	4.96	0.99	7.15	3.72	20	-0.20	-0.02	-0.61
1300.	18	1490.5	2.6	1495.5	1486.9	18	0.1	0.5	-0.8	20	4.53	0.62	5.71	3.66	20	-0.11	-0.02	-0.31
1400.	17	1491.3	1.7	1494.3	1488.4	17	0.2	0.5	-0.5	19	4.32	0.42	5.02	3.61	19	-0.07	-0.01	-0.23
1500.	15	1492.2	1.1	1493.8	1489.8	15	0.3	0.5	0.2	18	4.17	0.29	4.58	3.55	18	-0.05	-0.01	-0.10
1750.	15	1495.4	0.8	1496.3	1493.5	14	0.4	0.8	0.3	17	3.88	0.19	4.14	3.42	17	-0.03	-0.02	-0.05
2000.	14	1408.9	0.5	1499.6	1497.8	14	0.4	0.5	0.4	15	3.65	0.19	3.87	3.14	15	-0.03	-0.01	-0.13
2500.	12	1505.8	0.6	1506.6	1504.6	8	0.4	0.5	0.4	13	3.33	0.15	3.49	3.03	13	-0.02	-0.01	-0.03
3000.	6	1513.2	0.1	1513.3	1512.8	6	0.4	0.5	0.4	7	2.99	0.08	3.06	2.83	7	-0.03	-0.03	-0.04
4000.	3	1527.8	0.1	1527.9	1527.8	3	0.5	0.5	0.5	4	2.37	0.01	2.38	2.35	4	-0.01	-0.00	-0.02

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	8	1525.7	5.2	1529.7	1513.6	0	0.0	0.0	0.0	8	20.78	1.80	22.24	16.70	0	0.00	0.00	0.00
10.	8	1526.0	5.1	1529.8	1514.2	8	0.8	1.8	0.3	8	20.82	1.74	22.23	16.87	8	0.12	0.52	-0.03
20.	8	1526.2	5.0	1530.0	1514.7	8	0.7	1.5	0.3	9	20.89	1.60	22.23	16.98	9	0.07	0.37	-0.06
30.	8	1526.4	4.9	1530.1	1514.9	8	0.4	0.9	0.3	10	20.93	1.50	22.22	17.01	10	-0.03	0.24	-0.32
50.	8	1526.6	5.1	1530.4	1514.6	8	-0.0	0.4	-0.5	10	20.88	1.54	22.21	16.81	10	-0.07	0.32	-0.30
75.	8	1526.6	5.8	1531.1	1513.1	8	0.0	1.0	-3.0	9	20.73	1.80	22.23	16.24	9	-0.18	0.32	-1.04
100.	8	1526.4	7.0	1531.6	1509.7	7	-1.5	0.4	-9.1	9	20.52	2.16	22.22	15.07	9	-0.55	-0.02	-3.05
125.	8	1524.9	8.9	1530.4	1503.3	7	-2.3	-0.4	-7.8	9	19.93	2.69	21.73	12.95	9	-1.15	-0.32	-2.58
150.	8	1523.0	9.6	1528.5	1499.5	8	-2.5	-1.2	-4.4	8	18.96	2.95	20.77	11.73	8	-1.02	-0.61	-1.39
200.	8	1520.3	10.8	1525.1	1493.5	7	-0.9	-0.5	-3.6	8	17.76	3.19	19.23	9.88	8	-0.47	-0.15	-0.97
250.	8	1519.5	12.1	1524.7	1489.5	8	-0.3	0.5	-2.4	8	17.27	3.50	18.81	8.61	8	-0.27	-0.16	-0.77
300.	8	1519.3	12.8	1524.7	1487.6	8	-0.0	0.4	-0.9	8	16.94	3.65	18.52	7.91	8	-0.17	-0.35	-0.38
400.	8	1519.3	14.3	1525.3	1483.9	6	0.4	0.5	0.3	9	16.59	3.77	18.17	6.55	7	-0.05	-0.02	-0.14
500.	8	1519.0	15.5	1525.0	1480.7	7	-0.3	0.3	-1.0	9	16.01	3.99	17.53	5.36	8	-0.24	-0.08	-0.37
600.	8	1517.6	15.1	1524.7	1480.4	8	-0.5	0.2	-1.4	9	15.06	3.83	16.90	4.89	9	-0.34	-0.06	-0.69
700.	8	1514.4	13.5	1522.6	1481.2	8	-1.4	0.2	-2.2	9	13.59	3.38	15.75	4.67	9	-0.56	-0.37	-0.76
800.	8	1509.8	11.5	1518.9	1482.1	7	-1.6	-1.3	-1.9	9	11.84	2.84	14.16	4.46	8	-0.66	-0.51	-1.15
900.	8	1504.4	9.3	1513.3	1482.9	7	-2.4	-1.7	-2.8	9	9.81	2.25	12.11	4.25	8	-0.79	-0.52	-0.87
1000.	6	1498.1	7.8	1506.5	1483.6	6	-1.7	0.2	-2.5	6	7.64	1.97	9.82	4.04	6	-0.59	-0.06	-0.80
1100.	6	1493.4	5.1	1499.9	1484.3	6	-1.4	0.2	-2.0	6	6.03	1.26	7.64	3.82	5	-0.48	-0.07	-0.66
1200.	5	1492.4	1.7	1494.7	1491.1	5	-0.6	-0.1	-1.6	6	5.38	0.38	5.95	4.82	6	-0.26	-0.16	-0.52
1300.	5	1492.0	1.6	1494.4	1489.9	5	-0.1	0.1	-0.2	6	4.87	0.35	5.46	4.38	6	-0.15	-0.08	-0.19
1400.	5	1492.1	1.4	1494.4	1490.6	5	0.0	0.2	-0.1	6	4.48	0.30	5.03	4.14	6	-0.12	-0.07	-0.15
1500.	5	1492.7	1.1	1494.5	1491.6	5	0.2	0.4	0.0	6	4.24	0.23	4.67	3.97	6	-0.06	-0.04	-0.11
1750.	5	1495.2	0.5	1496.0	1494.5	5	0.3	0.4	0.2	6	3.84	0.12	4.01	3.66	6	-0.05	-0.04	-0.07
2000.	5	1498.6	0.4	1499.1	1498.1	5	0.4	0.5	0.4	6	3.64	0.07	3.74	3.52	6	-0.02	-0.01	-0.03
2500.	4	1505.8	0.5	1506.1	1505.0	4	0.4	0.5	0.4	5	3.32	0.11	3.39	3.12	5	-0.02	-0.01	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.06	0.00	3.06	3.06	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1528.5	0.0	1528.5	1528.5	0	0.0	0.0	0.0	0.00	21.76	21.76	0	0.00	0.00	0.00
10.	1	1528.7	0.0	1528.7	1528.7	1	0.0	0.0	0.0	0.00	21.77	21.77	1	0.00	0.00	0.00
20.	1	1528.9	0.0	1528.9	1528.9	1	0.0	0.0	0.0	0.00	21.78	21.78	1	0.00	0.00	0.00
30.	1	1529.0	0.0	1529.0	1529.0	1	0.0	0.0	0.0	0.00	21.78	21.78	1	0.00	0.00	0.00
50.	1	1529.4	0.0	1529.4	1529.4	1	0.6	0.6	0.6	0.00	21.79	21.79	1	0.06	0.06	0.06
75.	1	1529.8	0.0	1529.8	1529.8	1	0.4	0.4	0.4	0.00	21.79	21.79	1	-0.04	-0.04	-0.04
100.	1	1530.2	0.0	1530.2	1530.2	1	0.6	0.6	0.6	0.00	21.77	21.77	1	0.00	0.00	0.00
125.	1	1530.4	0.0	1530.4	1530.4	1	0.0	0.0	0.0	0.00	21.67	21.67	1	-0.16	-0.16	-0.16
150.	1	1529.7	0.0	1529.7	1529.7	1	-1.1	-1.1	-1.1	0.00	21.21	21.21	1	-0.69	-0.69	-0.69
200.	1	1526.6	0.0	1526.6	1526.6	1	-2.3	-2.3	-2.3	0.00	19.77	19.77	1	-1.05	-1.05	-1.05
250.	1	1524.8	0.0	1524.8	1524.8	1	-0.6	-0.6	-0.6	0.00	18.83	18.83	1	-0.38	-0.38	-0.38
300.	1	1524.6	0.0	1524.6	1524.6	1	0.0	0.0	0.0	0.00	18.49	18.49	1	-0.14	-0.14	-0.14
400.	1	1525.0	0.0	1525.0	1525.0	1	0.1	0.1	0.1	0.00	18.07	18.07	1	-0.12	-0.12	-0.12
500.	1	1525.4	0.0	1525.4	1525.4	1	0.2	0.2	0.2	0.00	17.65	17.65	1	-0.08	-0.08	-0.08
600.	1	1524.1	0.0	1524.1	1524.1	1	-0.4	-0.4	-0.4	0.00	16.74	16.74	1	-0.28	-0.28	-0.28
700.	1	1518.2	0.0	1518.2	1518.2	1	-1.9	-1.9	-1.9	0.00	14.45	14.45	1	-0.72	-0.72	-0.72
800.	1	1511.7	0.0	1511.7	1511.7	1	-2.0	-2.0	-2.0	0.00	12.12	12.12	1	-0.71	-0.71	-0.71
900.	1	1503.9	0.0	1503.9	1503.9	1	-2.4	-2.4	-2.4	0.00	9.56	9.56	1	-0.78	-0.78	-0.78
1000.	1	1497.8	0.0	1497.8	1497.8	1	-1.9	-1.9	-1.9	0.00	7.56	7.56	1	-0.61	-0.61	-0.61
1100.	1	1494.4	0.0	1494.4	1494.4	1	-1.0	-1.0	-1.0	0.00	6.26	6.26	1	-0.40	-0.40	-0.40
1200.	1	1492.3	0.0	1492.3	1492.3	1	0.0	0.0	0.0	0.00	5.35	5.35	1	-0.15	-0.15	-0.15
1300.	1	1492.2	0.0	1492.2	1492.2	1	-0.0	-0.0	-0.0	0.00	4.91	4.91	1	-0.13	-0.13	-0.13
1400.	1	1492.6	0.0	1492.6	1492.6	1	0.4	0.4	0.4	0.00	4.60	4.60	1	-0.04	-0.04	-0.04
1500.	1	1493.6	0.0	1493.6	1493.6	1	0.3	0.3	0.3	0.00	4.44	4.44	1	-0.05	-0.05	-0.05
1750.	1	1496.2	0.0	1496.2	1496.2	1	0.3	0.3	0.3	0.00	4.06	4.06	1	-0.05	-0.05	-0.05
2000.	1	1499.2	0.0	1499.2	1499.2	1	0.4	0.4	0.4	0.00	3.77	3.77	1	-0.02	-0.02	-0.02
2500.	1	1506.2	0.0	1506.2	1506.2	1	0.4	0.4	0.4	0.00	3.40	3.40	1	-0.03	-0.03	-0.03
3000.	1	1512.9	0.0	1512.9	1512.9	1	0.4	0.4	0.4	0.00	2.96	2.96	1	-0.02	-0.02	-0.02
4000.	1	1527.7	0.0	1527.7	1527.7	1	0.5	0.5	0.5	0.00	2.34	2.34	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1520.2	0.0	1520.2	1520.2	0	0.0	0.0	0.0	1	18.66	0.00	18.66	18.66	0	0.00	0.00	0.00
10.	1	1520.4	0.0	1520.4	1520.4	1	0.7	0.7	0.7	1	18.67	0.00	18.67	18.67	1	0.03	0.03	0.03
20.	1	1520.6	0.0	1520.6	1520.6	1	0.0	0.0	0.0	1	18.67	0.00	18.67	18.67	1	0.00	0.00	0.00
30.	1	1520.8	0.0	1520.8	1520.8	1	0.6	0.6	0.6	1	18.69	0.00	18.69	18.69	1	0.06	0.06	0.06
50.	1	1521.1	0.0	1521.1	1521.1	1	0.3	0.3	0.3	1	18.68	0.00	18.68	18.68	1	-0.08	-0.08	-0.08
75.	1	1521.4	0.0	1521.4	1521.4	1	0.3	0.3	0.3	1	18.66	0.00	18.66	18.66	1	-0.02	-0.02	-0.02
100.	1	1521.9	0.0	1521.9	1521.9	1	0.5	0.5	0.5	1	18.69	0.00	18.69	18.69	1	0.05	0.05	0.05
125.	1	1522.4	0.0	1522.4	1522.4	1	0.6	0.6	0.6	1	18.70	0.00	18.70	18.70	1	0.01	0.01	0.01
150.	1	1522.8	0.0	1522.8	1522.8	1	0.3	0.3	0.3	1	18.71	0.00	18.71	18.71	1	0.00	0.00	0.00
200.	1	1523.1	0.0	1523.1	1523.1	1	-0.8	-0.8	-0.8	1	18.51	0.00	18.51	18.51	1	-0.51	-0.51	-0.51
250.	1	1522.1	0.0	1522.1	1522.1	1	-0.4	-0.4	-0.4	1	17.90	0.00	17.90	17.90	1	-0.28	-0.28	-0.28
300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT		
	NO	AVG	S D	MAX	MIN	AVG	NO	AVG	S D	MAX	MIN	AVG
0.	30	1521.3	2.6	1525.7	1517.5	0	31	19.04	0.91	20.52	17.74	0.00
10.	30	1521.3	2.5	1525.2	1517.6	28	31	18.95	0.87	20.38	17.72	-0.63
20.	30	1521.3	2.4	1525.3	1517.8	30	31	18.91	0.83	20.33	17.73	-0.19
30.	30	1521.4	2.4	1525.3	1518.0	29	31	18.68	0.83	20.28	17.75	-0.07
50.	30	1521.5	2.3	1525.4	1518.4	24	31	18.82	0.81	20.20	17.76	-0.14
75.	30	1521.6	2.1	1525.1	1518.7	29	31	18.71	0.73	19.96	17.74	-0.13
100.	30	1521.6	2.0	1525.4	1519.1	30	31	18.64	0.69	19.90	17.74	-0.05
125.	30	1522.1	1.9	1525.5	1519.6	30	31	18.59	0.65	19.80	17.76	-0.07
150.	30	1522.3	1.8	1525.8	1520.0	30	31	18.53	0.61	19.77	17.77	-0.06
200.	30	1522.8	1.5	1525.9	1520.6	30	31	18.43	0.52	19.51	17.67	-0.07
250.	30	1523.3	1.3	1525.7	1520.8	30	31	18.30	0.45	19.16	17.50	-0.07
300.	30	1523.4	1.6	1525.8	1518.2	30	31	18.11	0.54	18.59	15.42	-0.12
400.	30	1523.4	2.7	1525.6	1513.7	30	31	17.56	0.93	18.28	14.59	-0.16
500.	27	1522.6	3.8	1526.2	1510.2	27	28	16.61	1.13	17.90	13.09	-0.24
600.	20	1519.4	5.8	1525.9	1504.4	19	21	15.37	1.67	17.26	11.04	-0.41
700.	17	1514.3	7.2	1523.2	1497.3	16	18	13.43	1.97	15.94	9.83	-0.73
800.	17	1508.4	7.2	1518.2	1491.6	17	18	11.21	1.98	13.95	6.80	-0.70
900.	17	1502.6	6.5	1515.1	1488.6	16	18	9.17	1.66	12.64	5.66	-0.59
1000.	17	1497.9	4.9	1506.3	1488.0	16	18	7.55	1.21	9.77	5.10	-0.44
1100.	17	1495.0	3.8	1504.1	1488.2	17	18	6.40	0.94	8.76	4.75	-0.32
1200.	17	1493.3	2.4	1497.3	1488.8	17	18	5.56	0.57	6.57	4.49	-0.23
1300.	17	1492.9	1.7	1495.9	1489.7	15	18	5.06	0.39	5.75	4.31	-0.14
1400.	17	1493.1	1.3	1495.7	1490.7	17	18	4.72	0.30	5.30	4.16	-0.09
1500.	17	1493.7	1.0	1495.6	1492.0	17	18	4.46	0.23	4.89	4.06	-0.08
1750.	16	1496.1	0.5	1496.7	1495.1	16	17	4.24	0.12	4.17	3.79	-0.04
2000.	14	1499.3	0.3	1499.6	1498.2	11	16	3.78	0.10	3.35	3.52	-0.04
2500.	13	1506.0	0.4	1506.5	1505.1	12	14	3.56	0.09	3.48	3.14	-0.02
3000.	13	1513.1	0.4	1513.7	1512.1	13	14	3.00	0.10	3.14	2.76	-0.03
4000.	10	1528.2	0.3	1528.9	1527.7	9	10	2.45	0.07	2.62	2.33	-0.01
5000.	5	1545.4	0.0	1545.4	1545.3	5	5	2.32	0.02	2.34	2.30	-0.00

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	24	1521.0	3.0	1529.0	1518.0	0	0.0	0.0	0.0	74	18.95	1.12	21.94	17.99	0	0.00	0.00	0.00
10.	26	1521.1	3.3	1530.6	1518.1	25	-1.1	3.0	-9.1	26	18.93	1.23	22.49	17.87	26	-0.67	0.15	-3.51
20.	26	1520.9	2.8	1528.1	1518.3	26	-0.5	3.0	-7.6	26	18.78	1.02	21.44	17.87	26	-0.47	0.03	-3.20
30.	26	1520.6	2.3	1526.1	1518.4	26	-0.8	0.6	-6.1	26	18.64	0.81	20.61	17.98	26	-0.44	0.04	-2.50
50.	26	1520.4	1.6	1524.6	1518.8	25	0.1	1.5	-2.5	26	18.43	0.58	19.92	17.87	26	-0.20	0.00	-1.17
75.	26	1520.4	1.3	1524.4	1519.1	26	-0.1	0.5	-1.5	26	18.29	0.45	19.64	17.85	26	-0.17	0.00	-0.71
100.	26	1520.5	1.1	1524.0	1519.4	26	0.2	0.8	-1.0	26	18.20	0.36	19.34	17.82	26	-0.09	0.06	-0.55
125.	26	1520.8	0.9	1523.6	1519.8	26	0.3	0.6	-0.5	26	18.15	0.32	19.08	17.81	26	-0.05	0.04	-0.32
150.	26	1521.1	0.8	1523.4	1520.2	25	0.5	1.5	-0.2	26	18.12	0.28	18.86	17.79	26	-0.14	0.06	-2.80
200.	26	1521.9	0.6	1523.5	1521.0	25	0.5	1.5	0.3	26	18.09	0.23	18.64	17.79	26	-0.02	0.03	-0.12
250.	26	1522.5	0.5	1523.9	1521.7	25	0.4	0.8	0.1	26	18.04	0.19	18.52	17.77	26	-0.04	0.01	-0.21
300.	26	1523.2	0.5	1524.6	1522.5	25	0.4	0.8	-0.1	26	17.98	0.16	18.48	17.76	26	-0.03	0.01	-0.20
400.	26	1524.2	0.7	1525.5	1522.4	25	0.2	0.6	-0.5	26	17.77	0.24	18.21	17.23	26	-0.09	-0.00	-0.35
500.	25	1523.6	1.6	1526.2	1520.3	24	-0.3	0.5	-1.9	25	17.08	0.51	17.59	16.07	25	-0.51	-0.00	-6.53
600.	20	1521.2	2.8	1525.6	1515.5	20	-0.8	-0.1	-1.5	20	15.82	0.86	17.19	14.13	20	-0.41	-0.17	-0.61
700.	12	1516.8	3.7	1523.5	1511.4	12	-1.4	-0.2	-2.2	12	14.02	1.08	16.03	12.50	12	-0.56	-0.21	-0.76
800.	12	1510.4	4.4	1519.1	1503.1	12	-2.0	-1.4	-2.6	12	11.76	1.29	14.22	9.80	12	-0.70	-0.53	-0.50
900.	12	1503.7	4.4	1512.2	1497.5	11	-2.0	-0.2	-3.0	12	9.11	1.17	11.81	7.90	12	-0.70	-0.19	-1.01
1000.	11	1498.3	3.3	1503.3	1493.9	11	-1.7	-0.8	-2.7	11	7.68	0.83	8.98	6.56	11	-0.57	-0.46	-0.65
1100.	11	1494.5	2.1	1498.0	1491.6	10	-0.8	-0.1	-1.6	11	6.29	0.51	7.13	5.58	11	-0.35	-0.16	-0.55
1200.	11	1492.7	1.2	1495.3	1491.3	11	-0.4	-0.1	-1.1	11	5.43	0.29	6.05	5.11	11	-0.21	-0.12	-0.40
1300.	11	1492.3	0.9	1494.0	1491.4	11	-0.1	0.1	-0.4	11	4.93	0.22	5.32	4.71	11	-0.15	-0.10	-0.20
1400.	11	1492.6	0.6	1493.6	1492.0	11	0.2	0.4	-0.2	11	4.61	0.14	4.85	4.45	11	-0.09	-0.04	-0.17
1500.	11	1493.1	0.5	1494.1	1492.7	11	0.2	0.4	0.1	11	4.37	0.11	4.57	4.23	11	-0.07	-0.04	-0.10
1750.	11	1495.8	0.4	1496.7	1495.2	11	0.3	0.5	0.2	11	3.97	0.10	4.16	3.82	11	-0.05	-0.03	-0.07
2000.	11	1499.0	0.3	1499.5	1498.4	11	0.4	0.4	0.3	11	3.72	0.07	3.81	3.58	11	-0.03	-0.02	-0.04
22500.	9	1506.0	0.3	1506.5	1505.6	9	0.4	0.5	0.4	9	3.36	0.07	3.46	3.27	9	-0.02	-0.01	-0.04
3000.	9	1512.7	0.2	1513.0	1512.4	8	0.4	0.4	0.4	9	2.91	0.06	2.99	2.83	9	-0.03	-0.02	-0.04
4000.	4	1527.7	0.2	1527.8	1527.5	4	0.5	0.5	0.5	5	2.33	0.04	2.38	2.28	5	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 5

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	19	1530.6	3.9	1537.7	1525.9	0	0.0	0.0	0.0	23	23.09	1.82	25.75	20.81	0	0.00	0.00	0.00		
10.	19	1530.5	4.1	1537.8	1525.2	19	-0.7	1.0	-5.8	23	22.93	1.86	25.79	20.46	23	-0.57	0.27	-3.22		
20.	19	1529.7	4.6	1538.0	1524.4	19	-1.5	3.0	-5.5	23	22.57	2.04	25.88	20.09	23	-0.98	0.27	-2.96		
30.	19	1528.8	4.8	1538.1	1523.4	19	-2.8	0.3	-13.1	23	22.16	2.13	25.97	19.65	23	-1.27	0.27	-5.43		
50.	19	1527.2	5.1	1538.0	1521.7	19	-2.9	-0.6	-6.1	23	21.36	2.18	25.40	18.99	23	-1.42	-0.46	-2.95		
75.	20	1525.4	4.3	1534.3	1521.0	19	-1.9	0.2	-6.1	23	20.47	1.88	24.73	18.51	23	-0.93	-0.11	-2.50		
100.	19	1525.5	4.3	1534.1	1520.7	19	-1.1	0.5	-4.3	20	20.06	1.61	23.43	18.26	20	-0.53	1.07	-1.89		
125.	16	1525.4	3.5	1531.4	1522.4	15	-1.2	0.2	-4.4	17	19.84	1.26	22.12	19.72	16	-0.64	-0.59	-1.52		
150.	15	1524.4	2.7	1529.1	1522.1	14	-0.9	0.6	-4.4	16	19.32	0.95	20.99	18.49	15	-0.50	0.04	-1.73		
200.	15	1523.5	3.0	1528.6	1514.7	15	-0.4	0.6	-4.5	16	18.69	0.98	20.46	15.85	16	-0.33	-0.01	-1.60		
250.	15	1522.9	4.4	1526.1	1507.5	15	-0.3	0.4	-4.6	16	18.23	1.31	19.30	13.48	16	-0.26	-0.04	-1.37		
300.	15	1522.3	6.0	1524.5	1500.9	15	-0.2	0.4	-4.0	15	17.77	1.77	18.45	11.41	15	-0.24	-0.04	-1.26		
400.	14	1523.3	0.8	1524.7	1521.8	13	-0.2	0.2	-1.0	14	17.51	0.27	17.97	17.08	14	-0.11	1.24	-0.41		
500.	11	1521.7	2.5	1524.4	1516.9	10	-0.7	-0.1	-2.7	11	16.47	0.77	17.34	15.03	11	-0.39	-0.20	-0.95		
600.	9	1517.1	5.3	1523.0	1508.1	8	-1.3	-0.3	-3.2	9	14.62	1.54	16.36	12.02	9	-0.53	-0.25	-1.07		
700.	8	1510.9	7.9	1519.9	1498.1	7	-2.0	-0.9	-3.1	8	12.40	2.18	14.95	9.89	8	-0.74	-0.43	-1.05		
800.	8	1504.0	9.2	1515.7	1488.9	8	-2.0	-1.3	-2.8	8	10.07	2.42	13.25	6.15	8	-0.69	-0.52	-0.84		
900.	8	1498.2	7.8	1508.1	1485.7	8	-1.6	-1.2	-2.3	8	8.10	2.00	10.68	4.96	8	-0.57	-0.12	-0.78		
1000.	8	1494.3	5.6	1501.8	1485.9	8	-1.1	0.1	-1.9	8	6.69	1.40	8.59	4.61	8	-0.41	-0.11	-0.64		
1100.	8	1492.1	3.7	1496.7	1486.6	8	-0.6	0.3	-1.6	8	5.71	0.90	6.87	4.38	8	-0.28	-0.06	-0.52		
1200.	8	1491.1	2.4	1493.6	1487.4	8	-0.2	0.4	-1.1	8	5.05	0.57	5.65	4.17	8	-0.19	-0.05	-0.40		
1300.	8	1491.3	1.7	1492.7	1488.6	8	0.1	0.4	-0.3	8	4.70	0.41	5.05	4.06	8	-0.11	-0.03	-0.19		
1400.	8	1491.9	1.3	1492.8	1489.8	8	0.2	0.4	-0.0	8	4.43	0.29	4.66	3.95	8	-0.08	-0.03	-0.13		
1500.	8	1492.6	1.0	1493.7	1491.1	8	0.2	0.4	0.1	8	4.20	0.23	4.47	3.95	8	-0.06	-0.03	-0.11		
1750.	7	1495.5	0.5	1496.3	1494.7	7	0.3	0.4	0.3	8	3.85	0.14	4.09	3.68	8	-0.04	-0.02	-0.06		
2000.	5	1498.7	0.5	1499.6	1498.4	5	0.4	0.4	0.4	5	3.67	0.12	3.87	3.59	5	-0.03	-0.02	-0.03		
2500.	3	1506.0	0.7	1506.5	1505.2	3	0.4	0.5	0.4	3	3.35	0.17	3.47	3.16	3	-0.02	-0.01	-0.03		
3000.	2	1513.2	0.1	1513.3	1513.1	2	0.4	0.4	0.4	2	3.04	0.04	3.07	3.01	2	-0.02	-0.02	-0.02		
4000.	1	1529.2	0.0	1528.2	1528.2	1	0.5	0.5	0.5	1	2.46	0.00	2.46	2.46	1	-0.01	-0.01	-0.01		
5000.	1	1545.6	0.0	1545.6	1545.6	1	0.5	0.5	0.5	1	2.38	0.00	2.38	2.38	1	0.00	0.00	0.00		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 6

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	31	1536.0	2.4	1539.9	1529.6	0	0.0	0.0	0.0	35	24.83	1.00	26.64	22.12	0	0.00	0.00	0.00		
10.	31	1535.1	2.6	1540.2	1529.1	31	-2.6	0.9	-9.1	35	24.42	1.03	26.68	21.90	35	-1.30	0.12	-4.27		
20.	31	1533.3	2.3	1538.6	1528.6	30	-5.6	-0.3	-16.5	35	23.57	0.91	25.89	21.64	34	-2.62	-0.12	-7.22		
30.	31	1531.5	2.6	1538.5	1527.1	31	-6.2	-0.3	-18.3	35	22.75	1.04	25.75	20.98	35	-2.63	-0.43	-7.92		
50.	31	1528.2	3.3	1537.0	1523.2	31	-4.3	-1.4	-10.5	35	21.39	1.27	24.93	19.46	35	-1.84	-0.84	-4.51		
75.	31	1526.0	3.0	1535.0	1521.3	28	-2.7	-1.5	-7.1	35	20.38	1.09	23.79	18.64	33	-1.18	-0.46	-3.01		
100.	31	1524.8	2.6	1532.4	1520.5	31	-1.0	-0.1	-3.2	35	19.76	0.92	22.53	18.20	35	-0.60	-0.10	-1.54		
125.	31	1524.2	2.3	1530.8	1520.4	30	-0.7	0.1	-2.1	35	19.37	0.81	21.78	18.03	35	-0.47	-0.12	-0.95		
150.	31	1523.8	2.0	1529.2	1520.0	31	-0.5	0.2	-2.0	35	19.06	0.70	21.02	17.78	35	-0.35	-0.08	-0.93		
200.	31	1523.4	1.4	1526.2	1518.9	29	-0.0	3.0	-2.0	35	18.62	0.48	19.59	17.15	35	-0.21	-0.03	-0.93		
250.	31	1523.6	1.3	1525.5	1518.2	31	0.2	0.5	-0.5	35	18.41	0.42	19.07	16.70	35	-0.11	-0.01	-0.35		
300.	31	1523.9	1.6	1525.4	1516.2	30	0.1	1.5	-2.4	35	18.22	0.50	18.77	15.82	35	-0.12	-0.01	-0.98		
400.	31	1523.9	2.9	1525.9	1509.2	30	-0.0	0.5	-1.3	35	17.71	0.87	18.39	13.28	34	-0.16	-0.03	-0.48		
500.	31	1523.1	3.8	1526.1	1504.8	29	-0.4	0.4	-2.3	35	16.93	1.13	17.90	11.59	34	-0.39	-0.11	-3.56		
600.	31	1520.4	5.0	1525.5	1499.9	28	-1.0	-0.1	-2.1	35	15.58	1.48	17.17	9.82	34	-0.45	-0.08	-0.76		
700.	31	1515.9	5.6	1523.8	1496.7	28	-1.5	-0.1	-2.2	35	13.76	1.61	16.05	8.54	33	-0.61	-0.18	-1.07		
800.	31	1509.7	5.7	1520.5	1491.6	30	-2.2	-1.6	-4.6	35	11.56	1.58	14.56	6.80	35	-0.74	-0.46	-1.41		
900.	31	1502.8	5.2	1515.3	1488.7	29	-2.1	-0.3	-3.8	35	9.25	1.38	12.62	5.69	35	-0.69	-0.21	-1.15		
1000.	31	1497.2	4.4	1510.3	1488.0	28	-1.6	-0.2	-3.4	35	7.38	1.10	10.81	5.11	33	-0.54	-0.18	-1.01		
1100.	31	1494.1	3.2	1505.4	1488.0	29	-0.8	0.4	-1.5	35	6.17	0.79	9.04	4.77	34	-0.32	-0.01	-0.54		
1200.	31	1492.5	2.3	1501.1	1488.7	30	-0.4	0.2	-1.6	35	5.37	0.56	7.51	4.47	35	-0.22	-0.07	-0.54		
1300.	31	1492.3	1.6	1497.6	1489.6	26	-0.1	0.3	-1.1	35	4.90	0.38	6.23	4.28	34	-0.13	-0.06	-0.39		
1400.	31	1492.5	1.0	1495.3	1490.6	30	0.1	0.4	-0.8	35	4.56	0.25	5.25	4.14	35	-0.10	-0.03	-0.32		
1500.	31	1493.2	0.7	1495.0	1491.7	29	0.3	0.5	-0.1	35	4.33	0.17	4.77	4.01	35	-0.06	-0.03	-0.15		
1750.	31	1495.9	0.5	1497.4	1494.9	24	0.3	0.5	0.2	35	3.99	0.12	4.35	3.76	32	-0.04	-0.01	-0.10		
2000.	29	1499.0	0.3	1499.8	1498.5	23	0.4	0.5	0.2	34	3.73	0.10	3.96	3.47	32	-0.03	-0.01	-0.10		
2500.	23	1505.8	0.3	1506.5	1505.1	21	0.4	0.5	0.4	27	3.31	0.12	3.48	2.92	26	-0.02	0.02	-0.04		
3000.	23	1512.6	0.4	1513.3	1511.5	22	0.4	0.8	0.4	26	2.90	0.10	3.05	2.64	26	-0.02	-0.02	-0.04		
4000.	18	1528.0	0.2	1528.4	1527.6	16	0.5	0.6	0.4	20	2.41	0.06	2.51	2.31	20	-0.01	-0.00	-0.02		
5000.	8	1545.2	0.0	1545.4	1545.2	8	0.5	0.5	0.5	8	2.29	0.01	2.32	2.27	8	-0.00	-0.00	-0.00		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 7

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	
0.	20	1540.3	2.5	1545.0	1536.5	0	0.0	0.0	0.0	0.0	22	26.88	1.12	28.98	25.22
10.	20	139.8	3.0	1545.1	1536.1	20	-1.9	1.0	-7.8	-7.8	22	26.58	1.34	28.93	24.74
20.	20	1538.9	3.7	1545.4	1533.9	20	-2.8	3.0	-2.3	-2.3	23	26.17	1.66	28.97	23.75
30.	20	1536.9	4.7	1545.0	1530.0	20	-7.0	0.6	-7.3	-7.3	23	25.35	2.12	28.71	22.08
50.	20	1533.1	5.7	1543.4	1526.3	19	-4.8	0.6	-12.5	-12.5	23	23.62	2.54	27.84	20.54
75.	20	1529.9	6.2	1543.2	1521.6	20	-3.8	0.6	-12.1	-12.1	23	22.04	2.64	27.48	18.87
100.	20	1527.5	6.3	1540.3	1513.9	20	-2.3	-0.1	-9.4	-9.4	23	20.88	2.55	25.94	16.19
125.	20	1526.0	6.5	1539.1	1508.4	19	-1.9	-0.1	-6.7	-6.7	23	20.67	2.51	25.24	14.37
150.	20	1524.6	6.6	1536.5	1503.8	20	-1.8	-0.1	-5.6	-5.6	23	19.34	2.42	23.92	12.91
200.	20	1522.2	6.8	1531.8	1497.9	20	-1.0	1.0	-6.1	-6.1	23	18.10	2.25	21.65	11.06
250.	20	1521.1	7.9	1530.0	1494.3	19	-0.7	0.4	-6.1	-6.1	22	17.29	2.67	20.65	9.89
300.	20	1520.1	9.4	1527.7	1490.1	20	-0.5	0.8	-3.5	-3.5	23	16.72	3.05	19.54	8.59
400.	20	1518.3	12.6	1525.5	1481.3	17	-0.6	0.4	-5.3	-5.3	23	15.58	3.91	18.22	5.92
500.	20	1515.3	15.0	1525.3	1478.0	18	-0.9	-0.1	-2.8	-2.8	23	14.23	4.45	17.76	4.72
600.	20	1511.7	14.5	1523.7	1479.1	20	-1.3	0.3	-2.5	-2.5	23	12.75	4.25	16.85	4.58
700.	19	1507.4	13.2	1519.8	1480.2	18	-1.5	0.3	-2.3	-2.3	21	11.39	3.57	14.92	4.45
800.	19	1502.0	10.5	1513.9	1481.3	19	-1.8	0.5	-3.2	-3.2	22	9.24	2.95	12.73	4.29
900.	19	1496.8	7.7	1507.0	1482.6	18	-1.5	0.4	-2.6	-2.6	21	7.44	2.09	10.37	4.16
1000.	20	1492.8	5.1	1500.6	1483.9	18	-0.9	0.4	-1.9	-1.9	22	6.12	1.35	8.26	4.04
1100.	20	1491.0	3.4	1495.6	1485.1	20	-0.4	0.4	-1.5	-1.5	22	5.31	0.87	6.56	3.94
1200.	20	1490.6	2.4	1493.6	1486.5	19	-0.0	0.4	-0.5	-0.5	22	4.91	0.57	5.66	3.77
1300.	18	1491.1	1.6	1493.4	1488.0	18	0.1	0.5	-0.2	-0.2	20	4.58	0.42	5.19	3.79
1400.	18	1491.7	1.1	1493.4	1489.4	18	0.2	0.5	0.1	0.1	21	4.36	0.32	4.84	3.75
1500.	18	1492.7	0.9	1494.0	1490.9	18	0.3	0.5	0.2	0.2	19	4.20	0.22	4.54	3.79
1750.	18	1495.6	0.4	1496.4	1494.7	18	0.4	0.5	0.3	0.3	19	3.89	0.17	4.10	3.63
2000.	18	1498.8	0.2	1499.5	1498.4	18	0.4	0.5	0.3	0.3	20	3.68	0.07	3.63	3.55
2500.	16	1505.6	0.3	1506.3	1505.0	14	0.4	0.4	0.4	0.4	17	3.27	0.08	3.44	3.14
3000.	15	1512.4	0.4	1513.3	1511.6	15	0.4	0.4	0.4	0.4	16	2.85	0.09	3.04	2.64
4000.	12	1528.0	0.4	1529.1	1527.3	12	0.5	0.5	0.5	0.5	12	2.42	0.09	2.67	2.26
5000.	9	1545.2	0.0	1545.3	1545.1	9	0.5	0.6	0.5	0.5	9	2.29	0.02	2.32	2.27

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	1	1541.5	0.0	1541.5	1541.5	1541.5	0	0.0	0.0	0.0	0.32	27.34	26.70	0.00	0	0.00	0.00	0.00
10.	3	1541.0	0.7	1541.5	1540.2	1540.2	1	0.0	0.0	0.0	0.36	27.29	26.63	-0.21	3	-0.03	0.27	-0.21
20.	3	1540.3	1.1	1541.5	1539.5	1539.5	3	0.0	0.0	0.0	0.53	27.25	26.26	-0.91	3	-0.35	-0.12	-0.91
30.	3	1538.7	0.3	1538.9	1538.4	1538.4	3	-12.9	-9.1	-15.2	0.12	25.89	25.66	-7.06	3	-6.16	-4.72	-7.06
50.	3	1531.8	0.9	1532.7	1530.9	1530.9	3	-5.9	-4.6	-7.1	0.37	23.09	22.35	-3.15	3	-2.57	-2.29	-3.15
75.	3	1527.8	0.6	1528.4	1527.2	1527.2	3	-3.6	-2.3	-4.5	0.24	21.21	20.73	-1.98	3	-1.63	-1.30	-1.98
100.	3	1525.5	0.9	1526.3	1524.5	1524.5	3	-1.7	-1.0	-2.5	0.35	20.27	19.58	-1.12	3	-0.75	-0.51	-1.12
125.	3	1524.5	0.5	1524.8	1523.9	1523.9	3	-1.2	-0.7	-2.0	0.19	19.58	19.23	-0.88	3	-0.62	-0.43	-0.88
150.	3	1523.9	0.4	1524.2	1523.5	1523.5	3	-0.6	-0.5	-0.7	0.16	19.23	18.93	-0.42	3	-0.36	-0.30	-0.42
200.	3	1523.6	0.6	1524.1	1523.0	1523.0	2	-0.2	-0.3	-0.3	0.22	18.91	18.48	-0.70	3	-0.36	-0.13	-0.70
250.	3	1523.6	0.4	1524.0	1523.2	1523.2	3	0.0	0.1	-0.1	0.16	18.56	18.25	-0.21	3	-0.17	-0.14	-0.21
300.	3	1523.7	0.3	1524.0	1523.4	1523.4	3	0.2	0.3	0.1	0.12	18.30	18.06	-0.13	3	-0.10	-0.06	-0.13
400.	3	1524.2	0.4	1524.5	1523.8	1523.8	3	0.1	0.2	0.2	0.12	17.89	17.66	-0.17	3	-0.13	-0.10	-0.17
500.	3	1524.1	1.0	1524.8	1522.9	1522.9	3	-0.0	0.2	-0.3	0.32	17.45	16.96	-0.24	3	-0.16	-0.12	-0.24
600.	3	1522.3	1.6	1523.4	1520.4	1520.4	3	-0.9	-0.7	-1.1	0.50	16.51	15.59	-0.49	3	-0.45	-0.38	-0.49
700.	3	1518.3	1.9	1519.9	1516.2	1516.2	3	-1.2	-1.1	-1.3	0.57	14.96	13.85	-0.53	3	-0.51	-0.47	-0.53
800.	3	1512.2	2.1	1513.8	1509.9	1509.9	3	-2.3	-2.2	-2.5	0.57	12.69	11.61	-0.84	3	-0.81	-0.77	-0.84
900.	3	1505.2	2.4	1506.9	1502.4	1502.4	3	-2.0	-1.7	-2.1	0.89	10.36	9.15	-0.71	3	-0.69	-0.65	-0.71
1000.	3	1499.7	2.7	1502.1	1496.8	1496.8	3	-1.6	-1.2	-1.7	0.70	8.65	7.28	-0.54	3	-0.54	-0.46	-0.54
1100.	3	1495.8	2.7	1498.5	1493.2	1493.2	2	-0.7	-0.4	-1.1	0.62	7.30	5.98	-0.41	3	-0.24	-0.10	-0.41
1200.	3	1493.5	1.8	1495.6	1492.3	1492.3	3	-0.7	-0.3	-0.9	0.65	6.16	5.35	-0.35	3	-0.29	-0.19	-0.35
1300.	3	1492.5	0.9	1493.5	1491.8	1491.8	3	-0.2	0.1	-0.6	0.49	5.22	4.82	-0.19	3	-0.19	-0.11	-0.29
1400.	3	1492.8	1.1	1493.8	1491.7	1491.7	3	0.2	0.3	-0.0	0.46	4.89	4.39	-0.05	3	-0.09	-0.05	-0.13
1500.	3	1493.5	1.1	1494.6	1492.4	1492.4	3	0.3	0.3	0.2	0.42	4.68	4.15	-0.06	3	-0.06	-0.05	-0.06
1750.	3	1496.0	0.8	1496.5	1495.1	1495.1	3	0.3	0.3	0.2	0.40	4.14	3.80	-0.04	3	-0.05	-0.04	-0.07
2000.	1	1498.6	0.0	1498.6	1498.6	1498.6	1	0.4	0.4	0.4	0.32	3.62	3.62	-0.02	1	-0.02	-0.02	-0.02
2500.	1	1505.9	0.0	1505.9	1505.9	1505.9	1	0.5	0.5	0.5	0.33	3.33	3.33	-0.02	1	-0.02	-0.02	-0.02
3000.	1	1513.1	0.0	1513.1	1513.1	1513.1	0	0.0	0.0	0.0	0.00	3.02	3.02	-0.02	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 9

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	2	1540.9	3.3	1543.2	1538.6	0	0.0	0.0	0.0	6	26.55	0.87	28.16	25.67	0	0.00	0.00	0.00		
10.	2	1541.1	3.2	1543.3	1538.8	2	0.5	0.6	0.3	6	26.23	0.96	28.16	25.61	6	-0.98	0.24	-3.23		
20.	2	1541.2	3.2	1543.4	1538.9	2	0.2	0.3	0.3	6	25.90	1.18	28.11	24.62	6	-1.03	0.21	-3.02		
30.	2	1541.3	3.0	1543.4	1539.1	2	0.2	0.3	0.3	6	25.59	1.45	28.03	23.71	6	-0.96	0.24	-2.77		
50.	2	1541.4	2.8	1543.3	1539.4	2	-0.6	0.3	-1.5	6	24.72	1.97	27.82	22.09	6	-1.62	-0.03	-3.05		
75.	2	1539.0	3.6	1541.5	1536.4	2	-4.6	-2.2	-7.0	6	23.20	2.19	26.73	20.49	6	-2.13	-1.26	-3.38		
100.	2	1535.0	5.4	1538.8	1531.2	2	-5.7	-5.1	-6.3	6	21.70	2.05	25.27	19.37	6	-1.64	-0.41	-2.71		
125.	2	1531.5	4.7	1534.8	1528.2	2	-4.2	-3.5	-4.9	6	20.66	1.47	23.32	19.09	6	-1.25	-0.34	-2.38		
150.	2	1529.0	3.7	1531.6	1526.3	2	-2.3	-2.3	-2.3	6	19.94	1.07	21.85	18.82	6	-0.76	-0.28	-1.22		
200.	2	1526.4	1.6	1527.5	1525.3	2	-1.4	-0.5	-2.3	6	19.10	0.67	20.00	18.38	6	-0.34	-0.13	-0.84		
250.	2	1524.7	0.5	1525.0	1524.3	2	-1.1	-0.2	-2.0	6	18.56	0.38	19.06	18.06	6	-0.33	-0.13	-0.85		
300.	2	1522.8	3.1	1525.0	1520.6	2	-1.2	-2.4	-2.4	5	17.93	0.54	18.61	17.13	5	-0.33	-0.14	-0.91		
400.	2	1518.5	9.5	1525.2	1511.7	2	-1.5	-3.0	-3.0	5	16.84	1.65	18.11	13.95	5	-0.31	-0.10	-1.04		
500.	1	1525.7	0.0	1525.7	1525.7	1	0.2	0.2	0.2	4	16.84	0.66	17.75	16.19	4	-0.30	-0.10	-0.46		
600.	1	1524.9	0.0	1524.9	1524.9	1	-0.6	-0.6	-0.6	4	15.44	1.05	16.96	14.55	4	-0.52	-0.38	-0.60		
700.	1	1521.8	0.0	1521.8	1521.8	1	-0.9	-0.9	-0.9	4	13.57	1.34	15.50	12.52	4	-0.63	-0.45	-0.81		
800.	1	1517.2	0.0	1517.2	1517.2	1	-1.6	-1.6	-1.6	4	11.20	1.67	13.68	10.16	4	-0.74	-0.58	-1.01		
900.	1	1510.9	0.0	1510.9	1510.9	1	-1.9	-1.9	-1.9	4	8.95	1.69	11.48	7.89	4	-0.71	-0.61	-0.87		
1000.	1	1501.6	0.0	1501.6	1501.6	1	-3.5	-3.5	-3.5	4	7.02	1.00	8.52	6.47	4	-0.58	-0.35	-1.08		
1100.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	5.68	0.24	6.03	5.53	4	-0.28	-0.14	-0.55		
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	5.04	0.03	5.07	5.00	4	-0.18	-0.13	-0.30		
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	4.71	0.10	4.83	4.64	3	-0.06	-0.03	-0.10		
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	4.48	0.07	4.55	4.41	3	-0.09	-0.07	-0.12		
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	4.30	0.08	4.38	4.23	3	-0.03	-0.02	-0.04		
1750.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	3.96	0.12	4.09	3.88	3	-0.03	-0.04	-0.04		
2000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	3	3.64	0.03	3.67	3.62	3	-0.02	-0.02	-0.03		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	13	1538.1	0.9	1539.9	1536.3	0	0.0	0.0	0.0	13	25.79	0.37	26.44	24.99	0	0.00	0.00	0.00		
10.	13	1538.3	0.9	1540.1	1536.4	13	0.5	0.9	-0.3	13	25.77	0.37	26.44	24.97	13	-0.05	0.06	-0.43		
20.	13	1538.4	1.0	1540.3	1536.5	13	0.3	3.0	-6.1	13	25.76	0.37	26.43	24.96	13	-0.20	0.21	-2.74		
30.	13	1538.4	1.1	1540.4	1536.4	13	-0.1	0.6	-5.5	13	25.68	0.46	26.43	24.78	13	-0.24	0.06	-2.71		
50.	13	1537.9	1.8	1539.9	1532.6	12	-6.0	0.5	-15.2	13	25.33	0.77	26.06	23.02	13	-2.65	0.30	-6.10		
75.	13	1531.4	3.2	1538.9	1527.2	13	-6.1	-0.4	-5.1	13	22.40	1.33	25.64	20.76	13	-2.70	-0.46	-6.32		
100.	13	1527.8	3.2	1535.7	1523.1	13	-3.5	-1.5	-6.7	13	20.83	1.22	24.00	19.14	13	-1.55	-0.91	-3.21		
125.	13	1525.7	2.3	1531.1	1522.6	13	-2.6	-0.6	-5.6	13	19.88	0.83	21.93	18.81	13	-1.15	-0.40	-2.52		
150.	13	1524.4	1.8	1529.1	1522.3	13	-1.0	-0.3	-2.2	13	19.28	0.65	20.97	18.54	13	-0.55	-0.30	-1.00		
200.	13	1523.4	1.0	1525.9	1522.2	13	-0.4	0.4	-2.3	13	18.64	0.34	19.50	18.21	13	-0.31	-0.04	-1.02		
250.	13	1523.3	0.7	1525.2	1522.4	12	-0.0	0.1	-0.6	13	18.33	0.23	18.95	18.01	13	-0.16	-0.10	-0.39		
300.	13	1523.6	0.4	1524.7	1522.8	13	0.2	0.5	-0.3	13	18.14	0.15	18.49	17.86	13	-0.08	-0.04	-0.28		
400.	13	1524.3	0.6	1525.7	1523.2	11	0.3	0.5	0.0	13	17.84	0.22	18.28	17.46	12	-0.08	-0.02	-0.15		
500.	13	1523.5	1.5	1526.6	1520.8	13	-0.6	0.3	-1.1	13	17.05	0.49	18.04	16.20	13	-0.34	-0.07	-0.48		
600.	13	1520.5	2.4	1525.2	1516.4	12	-1.0	-0.4	-1.5	13	15.62	0.73	17.07	14.35	13	-0.52	-0.30	-1.37		
700.	13	1515.6	3.5	1521.6	1508.7	12	-1.6	-0.8	-2.3	13	13.68	1.01	15.45	11.72	13	-0.61	-0.38	-0.80		
800.	13	1508.6	3.7	1514.8	1502.2	12	-2.5	-1.9	-3.7	13	11.24	1.02	12.98	9.53	13	-0.82	-0.61	-1.15		
900.	13	1501.8	3.3	1506.9	1497.1	13	-2.0	-0.4	-2.8	13	9.00	0.87	10.35	7.77	13	-0.66	-0.23	-0.87		
1000.	13	1496.5	2.3	1500.4	1493.6	13	-1.6	-0.4	-2.3	13	7.21	0.60	8.22	6.48	13	-0.54	-0.22	-0.72		
1100.	13	1493.5	1.5	1496.1	1491.1	13	-0.6	-0.3	-1.5	13	6.65	0.38	6.74	5.45	13	-0.28	-0.20	-0.51		
1200.	13	1492.3	1.1	1494.4	1490.6	13	-0.3	-0.2	-0.6	13	5.34	0.28	5.88	4.90	13	-0.21	-0.13	-0.28		
1300.	13	1492.1	0.7	1493.2	1490.9	13	-0.0	0.2	-0.4	13	4.88	0.17	5.19	4.55	13	-0.12	-0.06	-0.21		
1400.	13	1492.5	0.5	1493.2	1491.6	13	0.2	0.4	0.1	13	4.37	0.11	4.50	4.13	13	-0.08	-0.04	-0.12		
1500.	13	1493.3	0.4	1493.9	1492.5	13	0.3	0.4	0.2	13	4.00	0.05	4.07	3.90	13	-0.06	-0.04	-0.08		
1750.	13	1496.0	0.2	1496.2	1495.7	12	0.3	0.4	0.3	13	3.74	0.05	3.86	3.65	13	-0.04	-0.02	-0.04		
2000.	13	1499.1	0.2	1499.6	1498.8	12	0.4	0.5	0.4	13	3.31	0.07	3.48	3.21	13	-0.03	-0.02	-0.03		
2500.	13	1505.8	0.2	1506.4	1505.4	12	0.4	0.4	0.4	13	2.92	0.06	3.02	2.79	11	-0.02	-0.02	-0.03		
3000.	12	1512.7	0.1	1513.1	1512.2	11	0.4	0.4	0.4	12	2.40	0.08	2.47	2.25	9	-0.01	-0.00	-0.02		
4000.	9	1528.0	0.3	1528.3	1527.4	9	0.5	0.5	0.5	9	2.30	0.02	2.33	2.28	3	-0.01	-0.00	-0.01		
5000.	4	1545.3	0.2	1545.4	1545.2	3	0.5	0.5	0.5	4	2.30	0.02	2.33	2.28	3	-0.01	-0.00	-0.01		

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 11

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NU	AVG	S D	MAX	MIN	NO	AVG	MAX	S D	MIN	NO	AVG	MAX	MIN
0.	2	1525.9	0.4	1526.1	1525.6	0	0.0	0.0	0.0	20.64	0	0.00	0.00	0.00
10.	2	1526.0	0.4	1526.2	1525.7	2	0.2	0.3	0.3	20.60	3	-0.08	-0.10	-0.14
20.	2	1526.1	0.3	1526.3	1525.9	2	0.2	0.3	0.3	20.62	3	0.00	0.09	-0.09
30.	2	1526.3	0.2	1526.4	1526.1	2	0.9	1.5	0.3	20.62	3	-0.01	-0.03	-0.03
50.	2	1526.6	0.4	1526.8	1526.3	2	0.3	0.6	0.6	20.60	3	-0.03	0.06	-0.14
75.	2	1526.9	0.3	1527.1	1526.7	2	0.5	0.6	0.5	20.60	3	-0.24	0.04	-0.78
100.	2	1524.4	1.1	1525.8	1522.9	2	-11.5	-2.1	-20.8	19.06	3	-3.00	-0.30	-7.67
125.	2	1521.6	1.8	1522.8	1520.3	2	-2.0	-1.0	-3.0	17.98	3	-0.62	0.04	-1.28
150.	2	1520.3	1.1	1521.1	1519.5	2	0.0	0.0	0.0	17.56	3	-0.81	-0.17	-1.64

SUMMARY FOR QUADRANT 1 OF MARSDEN SQUARE 116 FOR MONTH 12

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	MAX	MIN
0.	7	1529.9	1.2	1532.4	1528.7	0.0	0	0.0	0.0	0.0	7	22.29	0.51	23.37	21.80	0	0.00	0.00
10.	7	1530.0	1.2	1532.4	1528.8	0.3	7	0.3	0.6	0.3	7	22.27	0.49	23.29	21.76	7	-0.06	-0.24
20.	7	1530.1	1.1	1532.4	1528.9	0.3	7	0.4	0.6	0.3	7	22.25	0.47	23.21	21.74	7	-0.03	-0.24
30.	7	1530.2	1.1	1532.4	1529.0	0.3	7	0.4	0.6	0.3	7	22.24	0.45	23.15	21.74	7	-0.03	-0.18
50.	7	1530.5	1.0	1532.5	1529.3	0.3	7	0.4	0.6	0.3	7	22.22	0.42	23.05	21.76	7	-0.01	-0.08
75.	7	1530.8	1.0	1532.7	1529.7	0.3	7	0.2	0.8	-0.3	7	22.16	0.42	22.97	21.74	7	-0.08	-0.28
100.	7	1530.5	1.3	1532.3	1528.6	0.6	7	-1.3	1.0	-0.7	7	21.87	0.53	22.62	21.09	7	-0.76	0.02
125.	7	1529.2	2.6	1532.2	1524.9	0.5	7	-1.2	0.5	-3.7	7	21.22	1.01	22.41	19.57	7	-0.67	-0.01
150.	7	1527.6	2.6	1531.0	1523.5	0.3	7	-2.2	-1.3	-3.0	7	20.45	0.98	21.70	18.94	7	-0.99	-0.69
200.	7	1525.2	1.7	1528.3	1522.9	0.3	7	-1.0	-0.3	-1.7	7	19.24	0.61	20.34	18.45	7	-0.51	-0.30
250.	7	1524.1	0.9	1525.5	1522.7	0.2	7	-0.2	0.4	-0.8	7	18.59	0.33	19.06	18.11	7	-0.25	-0.11
300.	7	1524.0	0.8	1525.1	1522.9	0.2	7	0.1	0.6	-0.2	7	18.28	0.28	18.65	17.89	7	-0.15	-0.12
400.	7	1524.4	0.4	1524.9	1523.8	0.1	6	0.3	0.5	0.1	7	17.85	0.15	18.03	17.65	6	-0.09	-0.32
500.	7	1524.4	0.7	1525.3	1523.4	0.4	6	-0.1	0.2	-0.4	7	17.33	0.22	17.60	16.99	6	-0.16	-0.10
600.	6	1522.5	1.2	1524.0	1520.9	0.9	6	-1.2	-0.8	-1.5	6	16.24	0.37	16.67	15.74	6	-0.47	-0.39
700.	6	1518.3	1.7	1520.8	1515.8	0.5	6	-2.1	-1.0	-1.7	6	14.47	0.50	15.20	13.76	6	-0.56	-0.45
800.	6	1512.6	1.8	1514.9	1509.5	0.8	6	-2.1	-1.5	-3.0	6	12.36	0.52	13.00	11.51	6	-0.72	-0.55
900.	4	1506.8	1.9	1507.9	1504.0	0.0	4	-2.3	-1.9	-3.0	4	10.33	0.49	10.61	9.59	4	-0.67	-0.61
1000.	3	1500.6	1.9	1501.8	1498.4	0.4	3	-1.8	-1.7	-1.9	3	8.26	0.49	8.57	7.70	3	-0.60	-0.58
1100.	3	1496.3	2.4	1497.7	1493.6	0.6	3	-1.2	-1.1	-1.5	3	6.76	0.58	7.11	6.09	3	-0.44	-0.41
1200.	3	1493.6	2.2	1495.0	1491.1	0.1	3	-0.7	-0.3	-0.9	3	5.67	0.53	6.00	5.06	3	-0.29	-0.21
1300.	3	1492.6	1.5	1494.0	1491.1	0.1	3	-0.3	-0.3	-0.6	3	5.01	0.36	5.35	4.64	3	-0.20	-0.13
1400.	3	1492.1	1.2	1493.5	1491.4	0.4	3	-0.0	0.1	-0.2	3	4.49	0.27	4.81	4.32	3	-0.12	-0.09
1500.	3	1492.6	0.7	1493.4	1492.2	0.2	3	0.2	0.2	-0.0	3	4.21	0.15	4.38	4.11	3	-0.09	-0.06
1750.	2	1495.1	0.0	1495.5	1494.7	0.3	2	0.3	0.3	0.3	2	3.60	0.13	3.89	3.70	2	-0.05	-0.05
2000.	2	1498.6	0.4	1498.8	1498.3	0.5	2	0.5	0.5	0.5	2	3.62	0.08	3.67	3.56	2	-0.01	-0.01
2500.	2	1506.1	0.2	1506.2	1505.9	0.4	2	0.5	0.5	0.4	2	3.37	0.06	3.41	3.33	2	-0.01	-0.02

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 1

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	1	1529.3	0.0	1529.3	1529.3	0	0.0	0.0	0.0	0.0	1	22.07	22.07	22.07
10-	1	1529.6	0.0	1529.6	1529.6	1	0.9	0.9	0.9	0.9	1	0.06	0.06	0.06
20-	1	1529.8	0.0	1529.8	1529.8	1	0.6	0.6	0.6	0.6	1	0.12	0.12	0.12
30-	1	1529.5	0.0	1529.5	1529.5	1	-0.9	-0.9	-0.9	-0.9	1	-0.64	-0.64	-0.64
50-	1	1529.6	0.0	1529.6	1529.6	1	0.2	0.2	0.2	0.2	1	-0.14	-0.14	-0.14
75-	1	1529.1	0.0	1529.1	1529.1	1	-0.6	-0.6	-0.6	-0.6	1	-0.41	-0.41	-0.41
100-	1	1529.4	0.0	1529.4	1529.4	1	0.4	0.4	0.4	0.4	1	-0.06	-0.06	-0.06
125-	2	1526.8	1.3	1527.7	1525.8	2	-1.8	-1.5	-2.1	-2.1	2	-0.80	-0.61	-0.99
150-	2	1525.6	1.0	1526.3	1524.9	2	-1.4	-1.1	-1.7	-1.7	2	-0.69	-0.55	-0.83
200-	2	1524.3	0.3	1524.5	1524.1	2	-0.5	-1.1	-1.1	-1.1	2	-0.41	-0.24	-0.57
250-	2	1524.1	0.1	1524.1	1524.0	2	-0.2	-0.1	-0.2	-0.2	2	-0.23	-0.20	-0.27
300-	2	1524.2	0.1	1524.2	1524.1	2	0.1	0.1	0.1	0.1	2	-0.15	-0.13	-0.17
400-	2	1524.4	0.1	1524.4	1524.3	2	0.3	0.4	0.1	0.1	2	-0.14	-0.12	-0.15
500-	2	1524.1	0.4	1524.3	1523.8	2	-0.6	-0.1	-1.0	-1.0	2	-0.31	-0.19	-0.44
600-	2	1521.1	1.2	1521.9	1520.2	2	-1.1	-0.9	-1.4	-1.4	2	-0.53	-0.45	-0.61
700-	2	1516.4	2.1	1517.9	1514.9	2	-1.4	-1.3	-1.6	-1.6	2	-0.58	-0.53	-0.62
800-	2	1509.9	1.2	1510.7	1509.0	2	-2.3	-2.2	-2.4	-2.4	2	-0.76	-0.76	-0.76
900-	1	1502.3	0.0	1502.3	1502.3	1	-2.0	-2.0	-2.0	-2.0	1	-0.68	-0.68	-0.68
1000-	1	1497.2	0.0	1497.2	1497.2	1	-1.1	-1.1	-1.1	-1.1	1	-0.43	-0.43	-0.43
1100-	1	1493.9	0.0	1493.9	1493.9	1	-1.0	-1.0	-1.0	-1.0	1	-0.38	-0.38	-0.38
1200-	1	1491.9	0.0	1491.9	1491.9	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
1300-	1	1491.3	0.0	1491.3	1491.3	1	0.0	0.0	0.0	0.0	1	-0.10	-0.10	-0.10
1400-	1	1491.9	0.0	1491.9	1491.9	1	0.3	0.3	0.3	0.3	1	-0.06	-0.06	-0.06
1500-	1	1492.8	0.0	1492.8	1492.8	1	0.4	0.4	0.4	0.4	1	-0.04	-0.04	-0.04
1750-	1	1495.8	0.0	1495.8	1495.8	1	0.4	0.4	0.4	0.4	1	-0.04	-0.04	-0.04
2000-	1	1498.8	0.0	1498.8	1498.8	1	0.4	0.4	0.4	0.4	1	-0.03	-0.03	-0.03
2500-	1	1504.8	0.0	1504.8	1504.8	1	0.4	0.4	0.4	0.4	1	-0.04	-0.04	-0.04

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	35	1524.3	8.0	1535.0	1502.1	0	0.0	0.0	0.0	38	20.00	3.38	24.63	11.43	0	0.00	0.00	0.00
10.	44	1520.4	11.4	1535.1	1497.1	43	-0.0	12.2	-10.2	44	19.08	3.85	24.62	11.51	43	-0.26	3.32	-3.36
20.	34	1525.0	7.4	1535.6	1506.6	34	-2.0	1.0	-37.8	24	20.50	2.70	24.63	14.30	34	-0.84	0.15	-12.01
30.	26	1527.8	5.0	1535.8	1515.8	26	-1.0	0.9	-7.6	26	21.44	1.93	24.61	17.11	26	-0.58	0.09	-3.35
50.	23	1527.8	4.9	1535.7	1516.1	23	-1.4	0.6	-6.1	23	21.27	1.90	24.40	17.08	23	-0.70	0.33	-2.51
75.	22	1527.1	4.9	1535.0	1518.7	22	-1.5	0.5	-4.9	22	20.83	1.86	23.94	17.81	22	-0.75	-0.01	-2.02
100.	20	1525.8	5.4	1535.2	1519.4	19	-3.3	0.8	-10.4	20	20.17	1.99	23.83	17.86	20	-1.56	-0.07	-4.85
125.	19	1523.0	7.2	1535.1	1512.4	19	-3.5	0.4	-9.1	19	19.07	2.55	23.59	15.52	19	-1.36	-0.04	-3.11
150.	19	1520.2	8.6	1533.3	1507.6	19	-3.2	-0.6	-7.6	19	18.03	2.90	22.64	13.96	19	-1.21	-0.23	-2.69
200.	17	1515.7	10.9	1528.5	1501.9	17	-2.9	-0.4	-6.8	17	16.36	3.41	20.48	12.13	17	-1.06	-0.36	-2.11
250.	16	1512.5	12.8	1527.1	1495.7	15	-2.3	-0.7	-3.9	16	15.13	3.83	19.63	10.22	16	-0.22	9.14	-1.35
300.	15	1510.0	14.5	1526.4	1490.7	14	-1.7	0.7	-3.7	15	14.19	4.21	19.06	8.68	15	0.62	17.55	-1.18
400.	8	1507.2	15.7	1525.1	1489.0	7	-1.3	0.3	-4.6	10	12.74	4.50	18.07	7.56	10	-0.59	-0.08	-1.49
500.	5	1508.9	21.3	1525.4	1483.6	5	-0.7	0.1	-1.6	6	11.92	5.93	17.62	6.06	6	-0.33	-0.14	-0.66
600.	4	1512.4	18.4	1522.9	1484.9	4	-1.0	-0.8	-1.3	4	13.46	5.01	16.34	5.97	4	-0.45	-0.32	-0.53
700.	3	1516.5	2.3	1518.0	1513.9	3	-2.1	-1.4	-3.2	3	13.95	0.65	14.40	13.21	3	-0.77	-0.56	-1.07
800.	3	1510.0	2.4	1511.6	1507.2	3	-1.8	-1.3	-2.4	3	11.65	0.65	12.08	10.90	3	-0.65	-0.48	-0.60
900.	3	1503.4	2.3	1505.0	1500.7	3	-2.1	-2.0	-2.2	3	9.43	0.61	9.87	8.73	3	-0.69	-0.68	-0.71
1000.	3	1490.6	3.1	1498.9	1493.1	3	-1.4	-0.8	-2.2	3	7.26	0.79	7.83	6.36	3	-0.50	-0.30	-0.70
1100.	3	1493.0	1.9	1494.9	1491.1	3	-1.1	-0.6	-1.4	3	5.93	0.48	6.40	5.44	3	-0.40	-0.28	-0.49
1200.	3	1491.5	0.9	1492.2	1490.5	3	-0.4	0.1	-0.8	3	5.15	0.22	5.32	4.90	3	-0.21	-0.10	-0.30
1300.	3	1491.0	0.2	1491.2	1490.8	3	-0.2	0.1	-0.4	3	4.62	0.04	4.66	4.58	3	-0.16	-0.09	-0.23
1400.	3	1491.4	0.1	1491.5	1491.3	3	0.2	0.3	0.2	3	4.32	0.03	4.35	4.30	3	-0.06	-0.06	-0.03
1500.	3	1492.3	0.2	1492.5	1492.2	3	0.2	0.3	0.2	3	4.15	0.02	4.17	4.13	3	-0.04	-0.05	-0.07
1750.	2	1495.3	0.1	1495.4	1495.2	2	0.4	0.4	0.4	3	3.85	0.02	3.87	3.83	3	-0.03	-0.03	-0.04
2000.	2	1498.3	0.4	1498.5	1498.0	2	0.5	0.8	0.3	3	3.56	0.06	3.61	3.49	3	-0.03	-0.03	-0.05
2500.	2	1505.1	0.0	1505.1	1505.1	1	0.4	0.4	0.4	3	3.13	0.05	3.16	3.07	3	-0.02	-0.01	-0.03

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 3

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	34	1521.6	9.9	1534.4	1502.3	0	0.0	3.45	24.20	13.35	0	0.00	0.00	0.00
10.	30	1520.5	11.3	1534.4	1499.9	27	1.3	23.7	-4.0	0.0	30	0.24	6.91	-1.77
20.	28	1522.2	5.3	1534.5	1505.7	21	-0.7	15.2	-14.2	-4.0	26	-0.70	3.60	-5.79
30.	18	1526.6	6.8	1534.7	1512.2	17	-4.0	0.6	-15.2	-15.2	18	-1.50	0.06	-5.79
50.	16	1525.4	8.3	1535.0	1509.8	16	-2.5	1.0	-9.1	-9.1	16	-1.13	-0.20	-3.07
75.	16	1522.8	10.4	1535.2	1503.7	12	-3.2	0.2	-12.4	-12.4	15	-1.29	2.45	-4.68
100.	15	1519.8	11.2	1534.4	1501.0	11	-4.5	-0.4	-11.0	-11.0	13	-2.30	-0.30	-9.27
125.	15	1517.0	11.6	1532.0	1498.6	12	-3.4	-0.2	-8.2	-8.2	14	-1.06	1.72	-2.68
150.	14	1514.7	12.0	1529.8	1496.6	13	-3.1	-0.5	-6.0	-6.0	14	-2.43	-0.30	-19.03
200.	10	1510.6	13.1	1526.2	1493.5	8	-3.0	-0.8	-8.4	-8.4	9	-0.63	3.06	-2.74
250.	7	1510.0	15.6	1524.8	1471.9	7	-2.1	-0.7	-4.2	-4.2	7	-0.76	-0.37	-1.29
300.	4	1520.3	3.8	1523.2	1515.1	3	-1.4	-0.2	-2.1	-2.1	4	-0.97	-0.23	-2.12
400.	4	1515.9	5.7	1522.4	1508.9	4	-1.3	-0.2	-1.7	-1.7	4	-0.54	-0.24	-0.66
500.	4	1510.4	6.4	1518.6	1502.9	4	-1.7	-1.2	-2.4	-2.4	4	-0.65	-0.51	-0.84
600.	2	1507.7	9.4	1514.3	1501.0	2	-2.3	-1.8	-3.2	-2.9	2	-0.80	-0.65	-0.94
700.	1	1503.9	0.0	1503.9	1503.9	1	-3.2	-3.2	-3.2	-3.2	1	-0.99	-0.99	-0.99
900.	1	1496.7	0.0	1496.7	1496.7	1	-2.4	-2.4	-2.4	-2.4	1	-0.76	-0.76	-0.76

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 4

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT						
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	28	1530.6	7.1	1538.2	1515.2	0	0.0		0.0	0.0	29	23.23	2.51	26.00	18.20	0	0.00	0.00	0.00
10.	26	1531.5	6.1	1538.1	1515.9	23	-0.5	4.4	-9.4		77	23.21	2.24	25.81	18.21	27	-0.58	0.55	-4.05
20.	25	1531.9	5.4	1538.2	1517.7	21	-0.5	3.0	-4.6		76	23.26	2.09	25.75	18.22	24	-0.89	0.23	-11.95
30.	22	1532.4	4.8	1538.4	1520.9	19	-0.4	3.0	-6.7		73	23.31	1.91	25.72	18.81	21	-0.61	0.03	-2.93
40.	18	1531.8	5.0	1537.7	1518.5	16	-2.0	1.0	-6.4		18	22.84	1.95	25.26	17.90	17	-1.14	0.20	-3.35
50.	17	1529.1	5.5	1535.8	1514.7	16	-2.9	0.5	-7.7		17	21.60	2.00	24.27	16.50	17	-1.42	-0.05	-3.24
75.	17	1526.5	6.9	1533.2	1508.6	14	-3.6	-0.7	-12.3		17	20.48	2.34	22.97	14.53	16	-1.65	-0.30	-4.06
100.	17	1524.2	8.0	1531.1	1503.2	16	-2.7	-0.1	-6.6		17	19.49	2.62	21.73	12.84	17	-1.22	-0.29	-2.29
125.	16	1522.2	9.3	1530.3	1498.9	16	-2.4	-0.4	-7.1		16	18.66	2.93	21.42	11.52	16	-1.00	-0.24	-2.64
150.	15	1519.3	10.8	1527.8	1494.1	14	-2.2	0.2	-7.9		15	17.45	3.27	20.18	10.02	15	-1.53	-0.10	-11.11
200.	14	1517.7	11.6	1525.9	1490.5	14	-1.8	-0.1	-8.8		14	16.69	3.45	19.21	8.87	14	-0.71	-0.19	-2.63
250.	11	1520.8	7.9	1525.4	1503.7	11	-0.9	0.3	-4.0		11	17.31	2.39	18.75	12.16	11	-0.44	-0.11	-1.28
300.	10	1519.7	11.1	1525.7	1489.7	10	-0.7	0.5	-4.3		10	16.48	3.18	18.29	8.01	10	-0.36	-0.32	-1.26
400.	9	1520.2	8.3	1525.9	1500.6	9	-1.1	0.2	-4.5		9	16.10	2.41	17.82	10.44	9	-0.47	-0.08	-1.38
500.	6	1520.8	4.3	1526.0	1513.8	6	-0.9	1.0	-1.5		6	15.09	1.33	17.35	13.54	6	-0.47	-0.43	-0.67
600.	6	1515.6	3.8	1521.0	1511.4	6	-2.2	-1.5	-4.4		6	13.69	1.11	15.29	12.45	6	-0.77	-0.63	-1.15
700.	6	1508.8	5.2	1515.1	1501.2	6	-2.2	-1.6	-3.1		6	11.33	1.44	13.09	9.24	6	-0.74	-0.61	-0.98
800.	5	1501.9	6.3	1508.1	1494.1	5	-2.0	-1.7	-2.3		5	9.04	1.66	10.70	7.00	5	-0.67	-0.57	-0.74
900.	5	1495.3	4.3	1500.6	1489.8	5	-2.1	-0.9	-3.3		5	6.91	1.08	8.28	5.53	5	-0.67	-0.30	-1.02
1000.	4	1490.8	1.5	1492.1	1488.3	5	-1.1	-0.3	-2.6		5	5.38	0.37	5.71	4.77	5	-0.39	-0.18	-0.78
1100.	5	1489.7	1.0	1490.9	1488.1	5	-0.1	0.3	-0.5		5	4.70	0.23	4.97	4.34	5	-0.15	-0.08	-0.25
1200.	5	1490.0	0.9	1490.7	1488.7	4	0.2	0.2	0.2		5	4.38	0.20	4.54	4.09	5	-0.07	-0.05	-0.09
1300.	5	1491.0	0.6	1491.5	1490.1	5	0.2	0.4	0.2		5	4.21	0.12	4.33	4.04	5	-0.05	-0.02	-0.08
1400.	4	1492.1	0.3	1492.4	1491.7	4	0.3	0.3	0.2		4	4.07	0.07	4.14	3.99	4	-0.06	-0.04	-0.07
1500.	4	1493.1	0.3	1493.4	1494.7	4	0.4	0.5	0.4		4	3.80	0.07	3.85	3.69	4	-0.02	-0.01	-0.04
1750.	3	1498.7	0.2	1498.9	1498.6	3	0.4	0.5	0.4		3	3.64	0.03	3.67	3.62	3	-0.02	-0.02	-0.03
2000.	2	1504.8	0.7	1505.3	1504.3	2	0.4	0.4	0.3		2	3.09	0.18	3.21	2.96	2	-0.04	-0.03	-0.05
2500.	1	1511.7	0.0	1511.7	1511.7	1	0.4	0.4	0.4		1	2.68	0.00	2.68	2.68	1	-0.03	-0.03	-0.03

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	58	1533.1	4.8	1540.9	1523.8	0	0.0	0.0	0.0	76	24.63	1.92	27.13	13.21	0	0.00	0.00	0.00
10.	68	1531.1	6.1	1540.7	1519.3	67	-3.0	10.7	-32.0	95	23.51	2.25	26.34	19.04	85	-0.87	12.80	-12.34
20.	56	1532.0	5.7	1540.6	1518.2	53	-2.8	7.0	-31.1	70	23.79	2.32	26.93	13.06	70	-1.20	2.07	-12.34
30.	57	1533.4	5.5	1541.0	1519.1	54	-4.3	0.6	-25.0	59	23.77	2.23	26.98	19.27	59	-2.37	-0.06	-12.37
50.	49	1531.5	6.5	1541.3	1514.4	46	-5.4	-0.2	-27.4	51	22.88	2.54	26.36	16.57	50	-2.23	-0.30	-9.75
75.	47	1528.0	8.8	1540.1	1503.7	45	-4.5	0.4	-15.6	49	21.45	3.17	26.25	13.22	49	-1.84	-0.15	-5.66
100.	45	1524.7	10.7	1538.5	1496.6	45	-3.8	0.6	-13.6	47	20.13	3.64	25.30	11.15	47	-1.54	-0.06	-4.43
125.	40	1522.0	11.5	1535.4	1494.0	39	-3.8	-0.5	-10.8	42	19.04	3.70	23.67	10.34	41	-1.48	-0.18	-3.73
150.	40	1519.3	12.3	1532.3	1489.8	40	-3.1	-0.6	-9.8	42	18.00	3.82	22.26	9.14	42	-1.22	-0.15	-3.29
200.	35	1516.7	13.2	1528.1	1485.7	34	-2.1	0.5	-9.0	37	16.84	3.86	20.29	7.87	36	-0.84	-0.05	-3.13
250.	29	1516.4	14.2	1526.4	1483.5	29	-1.1	0.5	-4.2	31	16.47	3.96	19.35	7.11	31	-0.52	0.01	-1.44
300.	28	1516.1	13.6	1525.8	1483.0	28	-1.0	0.6	-6.6	29	16.02	3.82	18.27	6.76	29	-0.47	-0.02	-2.13
400.	24	1517.8	10.9	1525.4	1487.9	20	-0.7	0.4	-4.1	24	15.92	3.12	18.16	7.59	22	-0.41	-0.04	-2.22
500.	16	1520.1	9.2	1526.3	1488.8	16	-0.8	0.3	-4.7	16	16.06	2.58	17.94	7.35	16	-0.41	-0.06	-1.36
600.	15	1515.6	10.5	1525.8	1482.3	15	-1.5	-0.5	-5.2	15	14.25	2.87	17.25	5.33	15	-0.63	-0.31	-1.66
700.	14	1510.0	10.1	1522.5	1480.6	14	-2.0	-1.3	-4.5	14	12.17	2.70	15.72	4.50	14	-0.72	-0.13	-1.35
800.	10	1502.9	10.7	1516.7	1480.8	10	-2.0	0.1	-2.8	10	9.79	2.75	13.51	4.18	10	-0.67	-0.10	-0.91
900.	10	1497.3	8.3	1508.7	1481.9	10	-1.7	0.4	-2.4	10	7.87	2.10	10.81	4.06	10	-0.59	-0.03	-0.82
1000.	10	1493.3	6.0	1501.8	1483.3	9	-1.0	0.1	-2.0	10	6.44	1.47	8.56	4.00	10	-0.34	-0.02	-0.63
1100.	9	1492.0	3.7	1496.4	1484.5	8	-0.7	0.2	-1.6	9	5.68	0.90	6.76	3.89	8	-0.30	-0.07	-0.55
1200.	9	1490.7	2.7	1493.5	1485.5	8	-0.3	0.2	-0.7	9	4.96	0.66	5.65	3.72	9	-0.18	-0.05	-0.31
1300.	9	1490.8	2.0	1492.8	1486.8	9	0.0	0.4	-0.3	9	4.57	0.49	5.04	3.63	9	-0.12	-0.03	-0.10
1400.	8	1491.4	1.1	1492.8	1490.0	8	0.1	0.3	-0.2	8	4.33	0.26	4.94	3.99	8	-0.10	-0.06	-0.17
1500.	8	1492.0	0.7	1493.1	1491.1	8	0.3	0.6	0.1	8	4.07	0.18	4.32	3.84	8	-0.06	-0.02	-0.10
1750.	8	1494.7	0.3	1495.3	1494.3	7	0.3	0.4	0.2	8	3.70	0.08	3.84	3.61	8	-0.04	-0.03	-0.07
2000.	6	1498.3	0.6	1499.4	1497.7	6	0.5	0.5	0.4	6	3.54	0.14	3.79	3.41	6	-0.02	-0.01	-0.03
2500.	2	1504.8	0.5	1505.3	1504.4	3	0.4	0.5	0.4	3	3.08	0.09	3.18	3.00	3	-0.03	-0.02	-0.03
3000.	2	1511.4	0.7	1511.9	1510.9	2	0.4	0.4	0.4	2	2.61	0.16	2.72	2.50	2	-0.03	-0.03	-0.03

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	55	1539.5	2.7	1544.6	1533.1	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	56	1539.0	2.9	1544.3	1532.9	56	-1.9	3.0	-24.4	-24.4	57	-1.11	0.73	-10.51
20.	54	1538.3	3.5	1543.5	1531.7	53	-3.6	1.8	-16.8	-16.8	55	-1.86	0.03	-7.92
30.	52	1536.9	4.8	1543.2	1525.3	51	-6.1	0.8	-14.1	-14.1	53	-2.81	0.06	-13.72
50.	43	1534.6	6.2	1542.8	1518.1	48	-4.3	0.6	-21.3	-21.3	49	-2.03	0.05	-8.23
75.	48	1531.6	7.3	1541.0	1510.2	48	-4.1	-0.4	-13.0	-13.0	48	-1.89	-0.34	-5.26
100.	47	1528.9	8.2	1540.1	1505.9	47	-3.2	-0.7	-12.2	-12.2	47	-1.44	-0.17	-4.80
125.	47	1526.6	8.9	1538.2	1502.3	46	-2.7	0.1	-12.7	-12.7	47	-1.24	0.16	-5.29
150.	46	1525.1	9.0	1536.4	1499.2	46	-2.3	0.1	-9.5	-9.5	46	-1.03	-0.12	-3.47
200.	44	1522.9	8.8	1533.4	1494.8	42	-1.6	0.5	-10.7	-10.7	44	-0.72	-0.09	-3.82
250.	42	1522.0	8.2	1528.4	1493.4	41	-1.0	0.2	-5.1	-5.1	42	-0.49	-0.09	-1.85
300.	40	1521.4	8.1	1527.2	1490.2	38	-0.6	0.8	-5.1	-5.1	41	-0.42	-0.02	-1.56
400.	36	1521.3	5.9	1525.7	1496.6	35	-0.8	0.6	-6.3	-6.3	36	-0.41	-0.06	-2.10
500.	31	1519.3	6.4	1524.5	1501.0	30	-1.1	0.3	-3.5	-3.5	31	-0.50	-0.08	-1.11
600.	28	1515.2	6.9	1522.6	1497.7	26	-1.5	-0.3	-3.5	-3.5	28	-0.61	-0.17	-1.27
700.	26	1510.4	6.4	1518.2	1494.2	23	-1.9	-1.1	-2.9	-2.9	25	-0.71	-0.30	-2.45
800.	23	1503.6	6.7	1511.5	1485.5	22	-2.5	-1.4	-7.7	-7.7	23	-0.83	-0.53	-2.47
900.	22	1496.7	5.9	1504.1	1483.7	20	-2.1	-0.2	-4.0	-4.0	22	-0.54	1.45	-1.15
1000.	21	1492.5	3.7	1498.1	1485.4	20	-1.0	0.4	-1.0	-1.0	22	-0.40	-0.02	-0.02
1100.	20	1490.5	2.5	1496.0	1485.8	20	-0.5	0.4	-1.3	-1.3	20	-0.26	-0.02	-0.45
1200.	20	1489.7	1.7	1494.4	1486.9	19	-0.2	0.5	-0.7	-0.7	19	-0.16	-0.02	-0.52
1300.	20	1489.9	1.2	1493.2	1487.8	20	0.3	3.0	-0.3	-0.3	20	-0.08	-0.02	-0.41
1400.	19	1490.7	0.9	1492.5	1489.5	19	0.2	0.4	-0.2	-0.2	19	-0.07	-0.02	-0.44
1500.	19	1491.8	0.6	1493.0	1490.8	18	0.3	0.5	0.2	0.2	19	-0.04	-0.02	-0.39
1750.	18	1494.9	0.3	1495.7	1494.3	18	0.4	0.5	0.2	0.2	18	-0.02	0.01	-0.36
2000.	9	1498.4	0.1	1498.7	1498.1	7	0.4	0.4	0.2	0.2	9	-0.03	-0.02	-0.04
2500.	4	1504.9	0.4	1505.2	1504.4	4	0.4	0.4	0.4	0.4	5	-0.03	-0.02	-0.04
3000.	1	1511.9	0.0	1511.9	1511.9	1	0.4	0.4	0.4	0.4	1	-0.02	-0.02	-0.02
4000.	1	1527.4	0.0	1527.4	1527.4	1	0.5	0.5	0.5	0.5	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	35	1542.5	1.6	1546.1	1540.0	0	0.0	0.0	0.0	18	27.82	0.94	29.64	25.14	0	0.00	0.00	0.00
10.	41	1542.0	1.7	1545.6	1536.0	41	-0.7	5.8	-4.4	42	27.67	0.73	29.36	25.08	42	-0.31	2.30	-1.93
20.	33	1541.5	2.2	1545.0	1534.9	33	-3.4	0.9	-15.8	33	27.26	1.02	29.00	24.37	33	-1.88	0.39	-7.41
30.	27	1540.1	3.1	1544.3	1532.9	27	-6.0	0.9	-20.4	27	26.55	1.42	28.57	23.39	27	-3.02	0.39	-9.27
50.	25	1536.1	6.0	1542.5	1521.0	25	-6.8	-2.4	-18.1	25	24.69	2.49	27.53	18.69	25	-3.20	-1.39	-7.16
75.	25	1531.4	7.8	1540.2	1511.7	25	-5.4	-0.9	-11.5	25	22.62	2.97	26.26	15.43	25	-2.43	-0.32	-4.33
100.	25	1527.1	8.3	1538.2	1510.4	25	-5.1	-1.6	-18.9	25	20.77	2.99	25.13	15.08	25	-2.38	-0.43	-7.79
125.	23	1523.7	8.3	1531.9	1507.5	22	-4.5	-1.5	-9.7	23	19.78	2.85	23.54	14.10	23	-1.77	-0.46	-3.41
150.	23	1520.6	8.6	1532.0	1504.4	23	-3.4	-0.9	-5.6	23	18.17	2.83	22.16	13.09	23	-1.35	-0.54	-2.11
200.	22	1516.0	9.3	1527.3	1499.1	22	-2.7	-0.7	-5.4	22	16.40	2.87	20.05	11.38	22	-1.02	-0.12	-2.07
250.	19	1513.4	11.2	1525.8	1495.3	18	-2.0	0.2	-3.8	19	15.37	3.33	19.20	10.15	19	-0.76	-0.07	-1.24
300.	19	1510.3	12.3	1524.7	1491.1	17	-2.2	0.2	-5.6	19	14.20	3.55	18.49	8.81	19	-0.84	-0.10	-1.93
400.	13	1509.0	11.5	1521.7	1488.3	13	-1.9	-0.6	-4.4	13	13.50	3.24	17.93	7.68	13	-0.69	-0.24	-1.48
500.	7	1509.2	10.7	1522.9	1495.5	4	-2.8	-0.5	-5.0	7	12.89	3.03	16.85	9.09	6	-0.81	-0.33	-1.52
600.	5	1500.5	12.7	1514.7	1486.9	4	-2.1	-1.0	-3.2	5	10.16	3.40	13.92	6.46	5	-0.63	-0.30	-0.97
700.	3	1490.2	14.3	1506.7	1481.3	2	-1.9	-1.5	-2.2	3	6.94	3.67	11.17	4.67	2	-0.59	-0.50	-0.68
800.	1	1500.2	0.0	1500.2	1500.2	1	-2.0	-2.0	-2.0	1	8.98	0.00	8.98	8.98	1	-0.67	-0.67	-0.67
900.	1	1492.5	0.0	1492.9	1492.9	0	0.0	0.0	0.0	1	6.70	0.00	6.70	6.70	0	0.00	0.00	0.00

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	34	1543.1	1.4	1546.1	1540.3	0	0.0	0.0	0.0	0.0	3	0.00	0.00	0.00
10.	37	1543.1	1.3	1545.7	1541.0	36	0.5	6.4	-3.4	-3.4	37	0.11	7.01	-1.91
20.	27	1542.4	3.2	1545.8	1534.2	27	-4.2	4.3	-23.8	-23.8	27	-2.27	1.10	-11.00
30.	22	1540.8	3.9	1545.6	1531.1	22	-8.8	0.9	-22.3	-22.3	22	-4.23	-0.06	-10.30
50.	19	1536.1	7.5	1544.1	1522.2	19	-7.9	-0.4	-18.9	-18.9	19	-3.47	-0.48	-7.71
75.	18	1529.8	10.3	1542.3	1513.1	18	-7.2	-2.0	-15.7	-15.7	18	-2.99	-1.18	-5.49
100.	17	1525.4	12.0	1540.1	1506.7	17	-5.5	-1.8	-8.8	-8.8	17	-2.28	-1.11	-3.73
125.	16	1521.9	11.9	1537.8	1503.0	15	-5.9	-1.5	-14.6	-14.6	15	-2.30	-0.80	-5.32
150.	15	1518.7	12.7	1536.3	1498.7	15	-4.6	0.6	-11.9	-11.9	15	-1.66	-0.35	-3.84
200.	12	1517.6	12.5	1533.5	1492.3	12	-2.5	-0.3	-5.2	-5.2	12	-0.99	-0.28	-1.84
250.	11	1513.5	13.8	1530.4	1488.4	10	-2.6	0.2	-6.1	-6.1	11	-0.81	0.76	-2.24
300.	8	1515.1	13.5	1527.3	1487.6	6	-1.7	0.1	-6.1	-6.1	8	-0.65	-0.12	-1.98
400.	4	1520.1	2.9	1524.3	1517.5	4	-0.9	-0.6	-1.6	-1.6	4	-0.39	-0.32	-0.69
500.	4	1515.3	5.9	1523.3	1509.0	4	-1.6	-0.5	-3.3	-3.3	4	-0.63	-0.35	-1.11
600.	2	1513.2	8.5	1519.2	1507.2	2	-2.0	-1.5	-2.5	-2.5	2	-0.72	-0.61	-0.83
700.	1	1513.4	0.0	1513.4	1513.4	1	-1.8	-1.8	-1.8	-1.8	1	-0.67	-0.67	-0.67
800.	1	1506.2	0.0	1506.2	1506.2	1	-2.2	-2.2	-2.2	-2.2	1	-0.74	-0.74	-0.74
900.	1	1499.5	0.0	1499.5	1499.5	1	-2.0	-2.0	-2.0	-2.0	1	-0.68	-0.68	-0.68
1000.	1	1494.4	0.0	1494.4	1494.4	1	-1.6	-1.6	-1.6	-1.6	1	-0.52	-0.52	-0.52
1100.	1	1492.2	0.0	1492.2	1492.2	1	-0.2	-0.2	-0.2	-0.2	1	-0.18	-0.18	-0.18
1200.	1	1491.7	0.0	1491.7	1491.7	1	-0.2	-0.2	-0.2	-0.2	1	-0.16	-0.16	-0.16
1300.	1	1491.5	0.0	1491.5	1491.5	1	0.0	0.0	0.0	0.0	1	-0.12	-0.12	-0.12
1400.	1	1491.6	0.0	1491.6	1491.6	1	0.0	0.0	0.0	0.0	1	-0.11	-0.11	-0.11
1500.	1	1492.1	0.0	1492.1	1492.1	1	0.2	0.2	0.2	0.2	1	-0.09	-0.09	-0.09

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	33	1541.7	2.0	1544.5	1537.4	0	0.0	0.0	0.0	0.0	3	0.00	0.00	0.00
10.	38	1541.4	2.3	1544.8	1537.4	37	-0.2	2.0	-5.8	-0.0	38	-0.53	0.37	-2.64
20.	29	1542.3	1.8	1545.0	1538.6	29	-0.0	1.5	-1.7	-0.0	29	-0.27	0.08	-1.31
30.	25	1541.2	3.6	1545.2	1533.0	25	-4.9	0.9	-24.4	-0.0	25	-2.38	0.06	-10.36
50.	21	1539.1	7.0	1544.5	1524.4	21	-5.2	0.6	-18.0	-0.0	21	-2.51	-0.05	-7.39
75.	21	1534.4	10.9	1544.5	1512.0	21	-5.8	0.5	-18.2	-0.0	21	-2.47	-0.02	-6.35
100.	21	1528.4	14.2	1544.3	1499.1	21	-7.5	-0.3	-22.7	-0.0	21	-3.01	-0.41	-8.05
125.	20	1524.6	15.3	1543.7	1490.1	20	-5.9	-0.2	-13.7	-0.0	20	-2.35	-0.40	-5.64
150.	20	1520.4	16.1	1542.4	1484.4	19	-5.4	-0.8	-13.3	-0.0	20	-1.98	-0.41	-4.86
200.	18	1514.8	14.5	1530.1	1484.0	18	-4.1	-0.2	-8.9	-0.0	18	-1.61	-0.19	-3.79
250.	15	1512.4	11.4	1527.6	1494.4	14	-3.9	-0.6	-13.3	-0.0	14	-1.31	-0.40	-3.91
300.	12	1510.4	12.3	1525.5	1490.5	11	-3.1	-0.5	-6.5	-0.0	11	-1.01	-0.35	-2.09
400.	9	1506.9	12.3	1523.8	1490.8	8	-2.6	-0.4	-4.3	-0.0	9	-0.82	-0.29	-1.43
500.	7	1502.5	12.4	1519.8	1484.2	7	-1.8	0.6	-3.5	-0.0	7	-0.61	-0.44	-1.23
600.	3	1502.5	11.1	1512.7	1490.7	3	-2.4	-2.2	-2.7	-0.0	3	-0.80	-0.79	-0.83
700.	2	1493.2	12.2	1501.8	1484.6	2	-2.6	-1.9	-3.3	-0.0	3	-0.81	-0.60	-1.04

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 10

DEPTH	VELOCITY					VELOCITY GRADIENT					TEMPERATURE					TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN		
0.	31	1536.5	4.4	1542.1	1527.7	0	0.0	0.0	0.0	31	25.22	1.83	27.80	21.58	0	0.00	0.00	0.00		
10.	32	1536.9	4.5	1542.7	1527.8	31	0.6	1.4	0.3	32	25.33	1.87	27.86	21.57	31	0.06	0.34	-0.27		
20.	26	1538.9	2.2	1542.8	1533.5	26	0.0	3.0	-3.7	26	26.04	1.00	27.86	23.75	26	-0.21	0.03	-1.83		
30.	24	1539.3	1.7	1542.9	1535.2	24	0.1	0.9	-3.0	24	26.15	0.81	27.85	24.36	24	-0.19	0.15	-1.58		
50.	22	1539.2	1.8	1543.2	1535.5	21	-2.1	1.0	-12.2	22	25.92	0.83	27.79	24.25	22	-1.30	0.41	-5.67		
75.	22	1536.5	3.1	1540.9	1530.4	21	-3.3	0.1	-11.4	22	24.52	1.33	26.54	21.97	21	-1.76	-0.22	-5.56		
100.	22	1533.4	4.0	1539.3	1525.8	22	-4.4	-0.5	-9.9	22	23.02	1.63	25.54	20.05	22	-2.05	-0.46	-4.19		
125.	21	1529.5	4.1	1536.7	1521.3	21	-4.6	-2.2	-8.8	21	21.31	1.55	24.19	18.33	21	-2.02	-0.99	-3.76		
150.	21	1526.4	4.9	1533.8	1516.8	21	-3.3	-0.8	-16.2	21	19.97	1.75	22.70	16.73	21	-1.41	-0.44	-5.96		
200.	19	1523.8	5.3	1532.7	1510.6	19	-1.8	-0.2	-6.1	19	18.79	1.78	21.91	14.58	19	-0.76	-0.10	-2.24		
250.	19	1521.4	6.3	1531.5	1505.6	18	-1.1	0.2	-5.4	19	17.72	2.00	21.12	12.90	19	-0.62	-0.07	-1.90		
300.	19	1519.4	7.3	1528.6	1503.7	18	-1.1	0.4	-3.6	19	16.84	2.26	19.77	12.11	19	-0.50	-0.03	-1.16		
400.	15	1518.8	8.1	1524.8	1499.4	15	-1.0	0.3	-3.4	15	16.13	2.42	17.98	10.48	15	-0.43	-0.07	-1.08		
500.	14	1516.1	10.0	1523.2	1495.7	13	-1.3	-0.2	-4.1	14	14.84	2.86	16.90	9.11	13	-0.54	-0.18	-1.26		
600.	11	1515.7	4.3	1520.6	1505.4	8	-1.9	-0.8	-3.0	11	14.20	1.23	15.61	11.24	11	-0.70	-0.39	-1.02		
700.	9	1511.3	2.5	1515.6	1506.6	9	-2.0	-1.5	-2.4	9	12.45	0.71	13.70	11.17	9	-0.70	-0.59	-0.82		
800.	8	1505.1	2.2	1508.9	1502.9	7	-2.0	-1.8	-2.4	8	10.28	0.59	11.36	9.69	8	-0.75	-0.63	-1.20		
900.	8	1498.3	2.9	1502.6	1493.3	7	-1.3	-1.6	-2.2	8	8.06	0.74	9.22	6.78	8	-0.61	-0.54	-0.69		
1000.	8	1493.9	3.0	1497.7	1487.8	7	-0.9	-0.6	-1.7	8	6.54	0.75	7.52	5.02	8	-0.39	-0.30	-0.54		
1100.	8	1491.5	2.6	1494.5	1486.0	8	-0.6	0.3	-0.9	8	5.53	0.63	6.28	4.20	8	-0.28	-0.35	-0.36		
1200.	8	1490.6	1.7	1492.7	1487.0	7	-0.1	0.3	-0.5	8	4.91	0.42	5.40	4.04	8	-0.15	-0.05	-0.27		
1300.	8	1490.8	1.2	1492.5	1488.2	8	0.1	0.4	-0.3	8	4.56	0.30	4.95	3.92	8	-0.10	-0.04	-0.19		
1400.	8	1491.3	0.9	1492.7	1489.5	8	0.2	0.4	-0.2	8	4.29	0.22	4.60	3.83	6	-0.08	-0.03	-0.16		
1500.	8	1492.1	0.8	1493.5	1490.9	8	0.3	0.4	0.2	8	4.09	0.19	4.40	3.77	8	-0.05	-0.02	-0.08		
1750.	7	1496.0	0.5	1496.0	1494.4	7	0.3	0.4	0.3	7	3.79	0.12	3.99	3.63	6	-0.03	-0.02	-0.05		
2000.	7	1494.3	0.7	1499.4	1497.2	7	0.4	0.4	0.3	7	3.56	0.15	3.78	3.29	7	-0.03	-0.02	-0.04		
2500.	2	1505.6	0.5	1505.9	1505.2	2	0.4	0.4	0.4	2	3.25	0.10	3.32	3.18	2	-0.03	-0.03	-0.03		
3000.	1	1512.8	0.0	1512.8	1512.8	1	0.4	0.4	0.4	1	2.90	0.00	2.90	2.90	1	-0.02	-0.02	-0.02		
3000.	1	1527.4	0.0	1527.4	1527.4	1	0.5	0.5	0.5	1	2.27	0.00	2.27	2.27	1	-0.01	-0.01	-0.01		

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	33	1533.5	6.8	1539.5	1511.9	0	0.0	0.0	0.0	39	24.25	2.28	26.70	17.34	0	0.00	0.00	0.00
10.	35	1533.0	7.4	1539.7	1512.1	35	1.1	18.6	-1.4	41	24.03	2.50	26.70	17.23	41	0.14	4.67	-0.75
20.	30	1535.5	4.3	1539.9	1521.8	29	0.5	3.0	0.3	36	24.74	1.57	26.67	19.87	35	-0.01	0.12	-0.18
30.	27	1536.9	1.9	1540.1	1532.6	27	0.2	0.9	-4.9	33	25.12	0.79	26.62	23.30	33	-0.12	0.12	-2.19
50.	27	1537.5	2.1	1540.4	1529.5	25	0.2	1.5	-4.7	30	25.17	0.86	26.63	21.95	30	-0.18	0.12	-2.06
75.	27	1536.9	2.7	1540.8	1526.0	26	-2.2	0.6	-9.1	30	24.74	1.08	26.55	20.46	30	-1.18	0.12	-4.47
100.	27	1534.0	3.9	1541.0	1522.9	26	-3.4	0.6	-7.3	30	23.29	1.59	26.40	19.18	30	-1.70	-0.04	-3.43
125.	26	1531.6	4.1	1540.4	1527.7	26	-3.5	1.7	-8.0	29	22.10	1.62	25.99	20.57	29	-1.62	0.50	-3.81
150.	26	1529.1	4.3	1541.8	1522.2	24	-3.2	1.7	-9.1	29	20.97	1.64	26.39	18.54	29	-1.31	0.49	-3.11
200.	25	1524.1	4.1	1530.1	1509.4	25	-2.7	-0.5	-12.7	28	18.98	1.29	21.00	14.30	28	-1.09	-0.30	-5.10
250.	24	1521.3	6.5	1526.7	1499.5	23	-1.7	-0.2	-7.8	27	17.85	1.85	19.51	11.29	27	-0.63	-0.27	-2.41
300.	24	1518.9	8.5	1525.3	1493.2	23	-1.5	0.3	-8.2	27	16.91	2.40	18.80	9.39	26	-0.56	-0.06	-2.81
400.	20	1518.2	9.2	1524.9	1497.4	19	-1.2	0.3	-7.4	23	16.22	2.58	18.11	10.05	23	-0.44	-0.09	-2.26
500.	18	1517.1	9.6	1523.6	1488.8	17	-1.0	0.4	-2.1	20	15.30	2.59	17.08	7.44	20	-0.46	-0.02	-0.73
600.	17	1513.4	7.6	1519.6	1495.5	15	-1.8	-1.2	-3.0	19	13.68	2.04	15.36	9.66	18	-0.68	-0.52	-1.20
700.	15	1507.2	8.7	1513.6	1490.3	15	-2.4	-1.3	-5.5	17	11.52	2.22	13.15	6.86	17	-0.77	-0.26	-1.59
800.	13	1502.0	4.7	1505.6	1487.6	12	-2.8	-0.7	-10.2	15	9.53	1.14	10.49	5.81	15	-0.86	-0.28	-2.91
900.	12	1496.3	3.5	1498.7	1485.9	12	-1.4	-0.2	-1.9	13	7.57	0.95	8.20	5.00	13	-0.42	-0.18	-0.63
1000.	10	1491.7	0.6	1492.3	1490.5	9	-1.7	-0.8	-2.4	12	6.05	0.17	6.39	5.72	12	-0.50	-0.25	-0.73
1100.	10	1489.2	0.6	1490.4	1488.5	10	-0.4	-0.1	-0.8	12	5.05	0.24	5.66	4.81	12	-0.24	-0.13	-0.33
1200.	9	1489.3	0.4	1489.9	1488.7	9	0.1	0.2	-0.2	11	4.65	0.16	5.04	4.48	11	-0.10	-0.17	-0.19
1300.	9	1489.9	0.2	1490.3	1489.5	9	0.2	0.3	0.2	11	4.37	0.08	4.52	4.27	11	-0.08	-0.06	-0.16
1400.	9	1490.8	0.2	1491.0	1490.5	9	0.3	0.4	0.1	11	4.15	0.05	4.22	4.07	11	-0.06	-0.03	-0.12
1500.	9	1491.9	0.1	1492.1	1491.6	9	0.4	0.5	0.3	11	4.02	0.06	4.09	3.90	11	-0.04	-0.02	-0.08
1750.	8	1495.1	0.0	1495.2	1494.9	8	0.4	0.4	0.4	11	3.77	0.04	3.82	3.67	11	-0.03	-0.02	-0.04
2000.	8	1498.2	0.0	1498.4	1498.1	6	0.4	0.5	0.4	10	3.53	0.03	3.59	3.48	10	-0.03	-0.02	-0.04
2500.	1	1504.3	0.0	1504.3	1504.3	1	0.4	0.4	0.4	1	2.97	0.00	2.97	2.97	1	-0.03	-0.03	-0.03

SUMMARY FOR QUADRANT 2 OF MARSDEN SQUARE 116 FOR MONTH 12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	30	1523.8	11.3	1537.2	1501.4	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	30	1524.2	10.9	1537.4	1503.3	30	0.2	1.7	-7.3	-7.3	30	-0.09	0.34	-2.47
20.	20	1530.9	5.3	1537.6	1520.1	20	-0.4	1.0	-8.5	-8.5	20	-0.33	0.15	-3.41
30.	15	1533.5	3.1	1537.9	1529.8	15	0.3	0.9	-0.6	-0.6	15	-0.09	0.09	-0.49
50.	14	1533.8	3.1	1538.2	1530.0	14	-0.0	0.5	-1.4	-1.4	14	-0.23	-0.02	-1.02
75.	14	1531.6	5.8	1538.5	1519.9	14	-2.6	0.6	-13.2	-13.2	14	-1.20	-0.06	-5.06
100.	14	1528.6	8.1	1538.6	1512.0	14	-4.4	0.2	-10.3	-10.3	14	-1.89	-0.10	-4.15
125.	13	1524.5	9.2	1537.9	1510.2	13	-5.3	-2.1	-9.5	-9.5	13	-2.15	-0.82	-3.56
150.	13	1520.6	9.4	1534.2	1503.7	13	-4.7	-0.6	-8.0	-8.0	13	-1.82	-0.35	-2.57
200.	11	1513.7	11.1	1526.6	1492.2	11	-4.9	-1.8	-9.5	-9.5	11	-1.71	-0.65	-2.80
250.	9	1508.4	11.5	1522.1	1491.1	9	-3.6	-0.7	-7.4	-7.4	9	-1.23	-0.30	-2.97
300.	7	1504.6	10.4	1518.3	1490.9	7	-3.6	-0.1	-3.4	-3.4	7	-1.24	-0.18	-2.44
400.	3	1500.6	10.8	1512.4	1491.4	3	-2.7	-1.7	-3.4	-3.4	3	-0.87	-0.66	-1.01
500.	1	1504.1	6.0	1504.1	1504.1	1	-3.0	-3.0	-3.0	-3.0	1	-0.95	-0.95	-0.95

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 1

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	11	1499.6	10.2	1517.1	1496.1	0	0.0	0.0	0.0	17	12.51	2.90	17.74	8.93	0	0.00	0.00	0.00
10.	11	1500.0	10.1	1517.3	1486.3	10	1.2	3.4	0.3	16	12.65	3.03	17.74	9.11	18	0.14	0.95	-0.23
20.	12	1499.7	9.8	1517.5	1487.6	10	2.6	15.2	0.6	18	12.92	2.96	17.73	9.39	17	0.37	3.66	-0.03
30.	13	1499.5	9.3	1517.7	1488.2	12	2.5	14.0	0.3	18	13.06	2.84	17.73	9.62	18	0.38	3.41	-0.61
50.	14	1501.2	8.2	1518.1	1490.6	12	4.9	15.2	0.5	18	13.47	2.53	17.74	10.22	16	1.20	6.17	-0.03
75.	14	1504.5	5.8	1518.6	1497.2	14	3.9	13.6	-6.1	18	14.13	1.96	17.76	11.65	18	0.67	3.31	-2.18
100.	14	1504.9	4.9	1519.2	1499.5	14	-0.7	2.8	-9.0	18	13.94	1.86	17.75	12.00	17	-0.62	0.45	-4.27
125.	13	1503.7	6.2	1519.6	1495.5	12	-2.7	1.0	-7.6	18	13.42	2.21	17.76	10.74	18	-0.77	0.15	-2.20
150.	13	1501.8	7.7	1520.0	1490.0	13	-2.3	2.7	-6.8	18	12.86	2.59	17.75	9.39	18	-0.61	0.55	-2.13
200.	11	1498.9	10.7	1520.7	1487.4	10	-2.1	0.7	-5.1	16	11.99	3.40	17.76	8.27	16	-0.70	0.06	-1.75
250.	10	1496.5	12.4	1520.5	1484.5	9	-2.1	-0.4	-3.7	13	10.88	3.50	17.44	7.33	13	-0.71	-0.25	-1.16
300.	11	1495.0	13.2	1516.0	1482.1	10	-2.2	-1.2	-3.6	14	10.08	3.54	15.74	6.52	14	-0.76	-0.43	-1.22
400.	11	1488.5	10.7	1506.4	1479.1	11	-2.2	-0.9	-6.1	14	7.83	2.76	12.48	5.37	14	-0.71	-0.27	-1.63
500.	11	1483.7	6.8	1496.4	1478.2	11	-1.3	0.0	-3.4	14	6.17	1.71	9.33	4.77	14	-0.39	-0.10	-1.07
600.	10	1481.7	3.8	1487.9	1477.8	10	-0.3	0.2	-1.0	12	5.33	0.98	6.93	4.26	12	-0.25	-0.09	-0.54
700.	10	1481.2	2.3	1484.8	1478.7	10	-0.1	0.3	-0.9	12	4.75	0.57	5.61	4.09	12	-0.17	-0.05	-0.40
800.	10	1481.4	1.2	1483.1	1479.9	10	0.2	0.5	-0.3	11	4.39	0.34	4.94	3.97	11	-0.07	-0.02	-0.16
900.	10	1482.3	0.8	1483.4	1481.2	10	0.3	0.4	0.1	11	4.18	0.23	4.60	3.89	11	-0.06	-0.02	-0.11
1000.	10	1493.3	0.6	1484.3	1482.5	10	0.3	0.4	0.2	11	4.02	0.17	4.32	3.81	11	-0.04	-0.02	-0.06
1100.	10	1484.5	0.6	1485.5	1483.8	10	0.4	0.4	0.4	11	3.91	0.15	4.16	3.72	11	-0.03	-0.02	-0.05
1200.	10	1485.8	0.5	1486.7	1485.2	9	0.4	0.6	0.3	11	3.82	0.14	4.02	3.65	10	-0.03	-0.02	-0.04
1300.	9	1487.1	0.5	1487.9	1486.5	9	0.4	0.5	0.3	10	3.73	0.13	3.89	3.57	10	-0.03	-0.02	-0.04
1400.	9	1488.5	0.4	1489.2	1488.0	9	0.4	0.5	0.4	10	3.65	0.11	3.79	3.51	10	-0.02	-0.02	-0.04
1500.	8	1490.0	0.3	1490.5	1489.5	8	0.4	0.5	0.4	9	3.60	0.09	3.71	3.47	9	-0.02	-0.01	-0.05
1750.	6	1493.6	0.4	1494.0	1493.0	6	0.4	0.5	0.4	7	3.47	0.08	3.55	3.31	7	-0.02	-0.01	-0.02
2000.	5	1497.3	0.4	1497.7	1496.6	4	0.4	0.5	0.4	5	3.32	0.11	3.42	3.15	4	-0.02	-0.01	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 2

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	16	1499.9	16.2	1531.2	1476.0	0	0.0	0.0	0.0	19	11.58	5.24	22.93	3.05	0	0.00	0.00	0.00
10.	15	1499.8	16.3	1531.4	1477.2	15	0.3	3.7	-6.1	18	11.78	5.18	22.95	4.34	18	0.25	3.93	-2.04
20.	18	1498.3	18.0	1531.5	1471.0	14	0.3	3.4	-8.5	18	11.83	5.04	22.94	5.52	18	0.18	3.60	-2.65
30.	17	1496.9	16.9	1531.6	1474.7	16	1.1	15.8	-16.0	17	12.15	4.82	22.89	6.29	17	0.15	3.47	-4.76
40.	15	1499.4	15.7	1529.7	1474.3	13	2.8	12.6	-8.2	15	12.66	4.53	21.64	6.12	15	0.34	2.79	-2.53
75.	13	1503.0	14.2	1526.3	1483.1	12	3.4	10.7	-2.1	13	13.44	4.14	20.54	8.07	13	0.56	2.38	-1.06
100.	12	1505.0	13.0	1525.5	1487.7	12	1.7	7.6	-3.0	13	13.68	3.68	19.93	9.05	13	0.22	1.71	-1.26
125.	12	1503.6	11.8	1525.7	1490.3	12	0.1	5.2	-9.1	12	13.79	3.48	19.85	9.57	12	-0.17	1.12	-2.74
150.	9	1505.5	10.7	1525.9	1493.2	12	-0.1	4.8	-7.8	12	13.60	3.19	19.77	10.20	12	-0.23	1.09	-2.58
200.	9	1503.1	12.2	1525.6	1493.5	9	-1.8	0.4	-3.3	10	12.76	3.71	19.43	8.87	10	-0.70	-0.03	-1.05
250.	8	1503.4	13.4	1524.5	1492.7	8	-2.3	-0.6	-3.0	8	12.50	3.93	18.71	9.44	8	-0.68	-0.38	-0.94
300.	8	1500.4	15.2	1524.4	1488.2	7	-1.8	0.2	-3.1	8	11.47	4.35	18.41	9.05	8	-0.61	-0.10	-0.94
400.	7	1496.8	19.7	1525.5	1481.1	6	-0.8	0.4	-2.7	7	10.16	5.52	18.22	5.86	6	-0.35	-0.01	-0.85
500.	7	1494.3	21.5	1526.0	1479.6	7	-0.6	0.2	-1.8	7	9.10	5.91	17.84	5.14	7	-0.26	-0.12	-0.56
600.	7	1493.6	21.3	1524.6	1479.0	7	-0.3	0.1	-0.8	7	8.45	5.78	16.90	4.68	7	-0.21	-0.11	-0.33
700.	7	1492.5	23.0	1522.5	1480.0	7	-0.4	0.1	-1.9	7	7.71	5.33	15.71	4.38	7	-0.26	-0.09	-0.75
800.	6	1493.3	19.1	1520.1	1480.6	5	-0.6	0.3	-0.7	6	7.44	4.99	14.51	4.13	6	-0.19	-0.05	-0.42
900.	5	1494.2	17.1	1514.2	1481.4	5	-0.6	0.3	-2.4	5	7.21	4.39	12.64	3.94	5	-0.31	-0.05	-0.80
1000.	5	1491.6	12.5	1508.1	1482.5	5	-0.7	0.4	-2.5	5	6.13	3.14	10.24	3.80	5	-0.33	-0.03	-0.79
1100.	5	1490.4	6.0	1502.6	1483.7	5	-0.4	0.4	-1.5	5	5.33	2.21	8.36	3.69	5	-0.22	-0.03	-0.50
1200.	5	1489.7	6.3	1498.7	1485.1	5	-0.2	0.4	-1.2	5	4.73	1.53	6.92	3.61	5	-0.18	-0.02	-0.44
1300.	5	1489.8	4.4	1495.6	1486.5	5	0.0	0.4	-0.9	5	4.34	1.07	5.75	3.55	5	-0.11	-0.02	-0.36
1400.	5	1490.2	3.1	1493.6	1487.9	5	0.1	0.4	-0.6	5	4.04	0.73	4.85	3.49	5	-0.09	-0.02	-0.27
1500.	5	1491.2	2.4	1493.6	1489.3	5	0.3	0.5	0.1	5	3.86	0.57	4.49	3.42	5	-0.05	-0.01	-0.11
1750.	4	1493.7	1.2	1495.5	1493.1	4	0.4	0.5	0.2	4	3.48	0.28	3.89	3.32	4	-0.03	-0.01	-0.07
2000.	4	1497.4	1.0	1498.9	1496.8	4	0.4	0.5	0.4	4	3.33	0.24	3.69	3.19	4	-0.02	-0.02	-0.02
2500.	1	1506.2	0.0	1506.2	1506.2	1	0.5	0.5	0.5	1	3.41	0.00	3.41	3.41	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 3

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	5	1448.2	18.2	1519.4	1475.3	0	0.0	0.0	0.0	5	9.74	5.97	18.37	6.38	0	0.00	0.00	0.00
10.	5	1448.3	18.1	1519.5	1475.9	5	0.5	2.1	-0.3	5	9.75	4.94	18.35	6.50	5	0.04	0.43	-0.15
20.	6	1448.8	16.7	1519.7	1475.1	6	3.1	14.6	0.3	6	9.31	4.56	18.17	6.50	6	0.00	3.23	-0.09
30.	6	1447.9	18.2	1519.7	1476.6	6	3.4	14.6	0.5	6	9.52	4.44	18.37	6.59	6	0.5	3.26	-0.05
50.	6	1470.2	15.7	1520.1	1477.7	6	3.8	17.1	0.2	6	9.99	4.31	18.34	6.75	6	0.80	4.08	-0.07
75.	6	1491.7	15.3	1520.1	1478.8	6	1.1	2.6	-1.0	6	10.25	4.17	18.18	5.92	6	0.12	0.49	-0.41
100.	3	1502.0	16.6	1520.0	1487.2	3	2.6	8.4	-1.5	3	12.88	4.71	18.03	5.80	3	0.52	1.37	-0.46
125.	2	1510.2	14.1	1520.1	1500.2	2	1.0	1.8	0.1	2	14.98	4.10	17.92	12.03	2	0.09	0.10	-0.13
150.	2	1510.1	14.6	1520.4	1479.8	2	0.3	1.0	-0.5	2	14.55	4.29	17.85	11.92	2	-0.10	-0.26	-0.25
200.	1	1521.7	0.0	1521.7	1521.7	1	0.6	0.6	0.6	1	18.04	0.00	18.04	18.04	1	0.00	0.00	0.00
250.	1	1522.5	0.0	1522.5	1522.5	1	0.5	0.5	0.5	1	18.03	0.00	18.03	18.03	1	-0.01	-0.01	-0.01
300.	1	1523.3	0.0	1523.3	1523.3	1	0.5	0.5	0.5	1	18.02	0.00	18.02	18.02	1	-0.01	-0.01	-0.01
400.	1	1524.3	0.0	1524.3	1524.3	1	0.3	0.3	0.3	1	17.82	0.00	17.82	17.82	1	-0.08	-0.08	-0.08
500.	1	1524.8	0.0	1524.8	1524.8	1	0.2	0.2	0.2	1	17.48	0.00	17.48	17.48	1	-0.10	-0.10	-0.10

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 4

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	107	1477.2	13.2	1532.5	1466.7	0	0.0		0.0	0.0	0	0.00	0.00	0.00
10.	107	1476.5	14.2	1532.7	1466.5	177	-2.3	19.3	-12.8	4.73	112	-0.72	4.27	-3.24
20.	108	1475.5	14.6	1532.9	1465.4	107	-3.1	27.4	-21.3	4.66	112	-0.92	5.91	-5.41
30.	107	1474.8	15.1	1533.0	1463.4	107	-3.3	20.7	-27.4	3.98	112	-0.77	4.63	-7.21
40.	106	1473.9	15.9	1533.4	1463.4	99	0.1	17.1	-15.4	3.74	105	-0.20	3.75	-3.91
50.	106	1473.4	16.2	1532.0	1464.9	76	5.1	22.2	-4.0	3.93	80	0.91	4.90	-1.41
60.	26	1501.0	12.2	1530.3	1485.4	26	4.0	17.0	-3.8	3.45	30	0.67	3.47	-1.14
70.	22	1504.1	11.7	1528.1	1492.5	22	0.6	5.2	-7.4	3.83	25	-0.02	1.14	-1.23
80.	22	1503.7	10.4	1525.1	1494.2	22	-0.9	3.5	-7.4	3.34	26	-0.35	0.73	-2.15
90.	22	1501.5	11.6	1525.3	1485.4	21	-1.9	1.0	-7.9	7.80	25	-0.61	0.59	-2.10
100.	22	1498.4	12.6	1524.3	1483.6	18	-1.7	3.0	-4.3	7.12	23	-0.57	0.59	-1.47
110.	19	1497.3	16.0	1524.3	1484.7	17	-1.9	0.5	-3.5	7.15	22	-0.65	0.15	-1.34
120.	17	1493.7	16.8	1525.3	1479.1	16	-1.5	0.5	-2.3	5.38	20	-0.55	0.10	-1.01
130.	14	1492.6	18.0	1526.3	1478.6	13	-1.0	0.5	-4.2	4.86	17	-0.46	0.01	-1.49
140.	11	1490.9	17.9	1525.6	1478.4	12	-0.8	0.1	-3.0	4.41	15	-0.36	-0.08	-0.93
150.	12	1490.1	16.6	1524.3	1479.7	12	-0.5	0.2	-1.9	4.32	15	-0.25	-0.07	-0.66
160.	11	1486.5	17.3	1513.2	1480.7	10	-0.3	0.4	-3.0	4.16	13	-0.23	0.03	-1.02
170.	11	1485.8	17.2	1507.1	1481.7	11	-0.2	0.5	-2.7	4.00	13	-0.16	-0.01	-0.61
180.	10	1483.4	17.9	1501.3	1482.8	10	-0.1	0.4	-1.8	3.86	12	-0.14	-0.03	-0.61
190.	9	1486.4	17.3	1495.6	1483.4	9	0.2	0.5	-0.5	3.79	11	-0.07	-0.01	-0.26
200.	9	1487.3	17.1	1495.6	1485.1	9	0.3	0.5	-0.5	3.70	11	-0.05	-0.00	-0.43
210.	8	1488.1	17.3	1494.6	1486.8	8	0.3	0.4	-0.3	3.62	10	-0.02	-0.02	-0.43
220.	8	1489.4	17.0	1494.0	1488.2	7	0.4	0.5	0.2	3.55	9	0.02	0.41	-0.06
230.	8	1490.6	17.3	1493.9	1489.5	8	0.4	0.4	-0.0	3.49	9	-0.03	-0.02	-0.13
240.	7	1493.7	17.3	1496.0	1493.4	7	0.4	0.5	0.3	3.39	8	-0.02	-0.01	-0.04
250.	4	1497.9	17.1	1499.3	1497.0	4	0.4	0.5	0.4	3.24	5	-0.02	-0.02	-0.01
260.	2	1504.3	17.3	1504.6	1504.0	2	0.4	0.4	0.4	3.02	2	-0.03	-0.02	-0.01
270.	2	1511.2	17.3	1511.3	1511.0	2	0.4	0.4	0.4	2.88	2	-0.02	-0.02	-0.01
280.	1	1527.6	17.3	1527.6	1527.6	1	0.5	0.5	0.5	2.51	1	-0.00	-0.00	-0.00

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 5

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	47	1517.1	19.2	1539.1	1478.1	0	0.0	0.0	0.0	59	19.01	5.73	26.33	7.51	0	0.00	0.00	0.00
10.	48	1515.8	19.8	1539.2	1473.8	42	-2.5	7.5	-36.6	59	18.62	5.95	26.33	5.38	57	-1.21	1.69	-10.67
20.	46	1514.9	22.1	1539.3	1471.6	46	-4.6	6.7	-70.1	57	18.22	6.61	26.32	5.78	57	-1.68	1.88	-19.81
30.	45	1515.1	21.9	1539.4	1468.7	44	-3.7	4.0	-25.4	56	18.13	6.79	26.27	4.99	55	-1.43	1.93	-8.60
50.	49	1514.9	21.7	1539.3	1467.3	48	-3.5	9.5	-10.7	60	17.57	6.42	26.06	4.59	58	-1.41	2.24	-4.27
75.	46	1515.4	17.2	1537.5	1468.8	45	-2.8	12.6	-10.7	57	17.27	5.24	24.93	4.81	57	-1.11	3.03	-4.29
100.	45	1513.1	15.7	1535.8	1474.9	45	-1.5	15.2	-7.1	55	16.54	4.68	23.96	6.10	55	-0.66	3.35	-2.59
125.	41	1514.7	11.5	1534.7	1498.6	40	-2.0	2.8	-5.9	52	16.51	3.82	23.30	9.35	52	-0.75	1.12	-2.01
150.	41	1517.0	11.2	1533.6	1496.5	39	-2.2	2.1	-9.9	52	15.91	3.64	22.65	9.24	52	-0.77	1.10	-3.58
200.	41	1508.4	12.1	1528.4	1492.2	36	-2.4	0.3	-6.1	51	14.58	3.70	20.39	9.52	50	-0.77	0.06	-1.91
250.	41	1504.5	13.0	154.5	1487.6	40	-2.3	0.3	-9.1	51	13.31	3.98	18.90	8.08	51	-0.77	0.06	-2.74
300.	40	1501.5	13.9	1523.9	1485.1	37	-2.1	0.2	-6.6	50	12.32	4.27	18.59	7.43	50	-0.69	0.61	-3.03
400.	40	1495.9	15.8	1523.7	1479.7	35	-1.5	-0.0	-4.6	49	10.62	4.82	18.10	5.53	47	-0.56	-0.10	-4.15
500.	37	1492.8	16.2	1522.8	1478.6	33	-1.0	0.0	-3.6	46	9.45	4.90	17.44	4.95	44	-0.29	2.88	-1.08
600.	34	1488.7	13.5	1520.6	1478.6	30	-0.7	0.9	-2.7	44	8.15	4.36	15.84	4.47	44	-0.34	0.91	-1.19
700.	23	1484.2	9.0	1516.5	1479.6	18	-0.3	0.8	-3.7	42	6.71	3.54	13.95	4.28	30	-0.27	1.44	-1.40
800.	20	1484.2	7.7	1512.3	1480.7	15	-0.1	0.6	-2.6	40	5.94	2.66	12.28	4.14	27	-0.30	0.02	-1.07
900.	18	1484.3	5.6	1506.1	1481.7	12	-0.3	0.5	-2.5	37	5.26	1.84	10.16	4.01	23	-0.27	0.12	-0.87
1000.	16	1484.8	4.1	1500.1	1482.8	16	0.2	0.4	-1.8	35	4.77	1.24	8.17	3.86	25	-0.16	-0.01	-0.66
1100.	15	1485.7	2.6	1494.7	1484.0	14	0.3	0.6	-1.6	24	4.43	0.78	6.36	3.76	24	-0.09	0.03	-0.55
1200.	15	1486.7	1.3	1491.1	1485.3	15	0.3	0.6	-1.1	24	4.19	0.49	5.33	3.67	24	-0.07	-0.01	-0.40
1300.	13	1488.0	1.0	1491.1	1486.7	11	0.3	0.5	0.3	22	4.05	0.36	4.80	3.60	21	-0.04	0.04	-0.15
1400.	13	1489.3	0.7	1491.4	1488.1	9	0.4	0.5	0.1	21	3.91	0.26	4.37	3.54	18	-0.04	0.03	-0.13
1500.	13	1490.6	0.5	1491.9	1489.5	12	0.4	0.5	0.2	21	3.83	0.20	4.17	3.49	21	-0.02	-0.00	-0.08
1750.	7	1494.0	0.4	1494.4	1493.2	7	0.4	0.5	0.3	15	3.67	0.18	3.95	3.35	15	-0.02	-0.01	-0.06
2000.	5	1497.9	0.5	1498.4	1497.4	4	0.5	0.5	0.5	14	3.54	0.16	3.80	3.33	13	-0.02	-0.01	-0.04
2500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	5	3.30	0.20	3.47	2.97	5	-0.02	-0.02	-0.03
3000.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	4	2.90	0.13	3.08	2.77	4	-0.03	-0.02	-0.04

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 6

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	74	1518.7	13.4	1539.7	1494.4	90	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	74	1517.6	14.2	1539.9	1491.7	74	-4.9	9.1	-77.7	89	19.18	4.51	27.82	18.71
20.	74	1513.9	17.9	1539.5	1479.5	72	-16.0	32.6	83.1	89	19.18	4.51	27.82	18.71
30.	72	1509.4	20.6	1538.7	1468.6	71	-14.7	14.5	-96.0	87	16.69	6.06	27.84	7.78
50.	69	1505.6	21.2	1538.3	1466.9	67	-4.1	45.7	-44.0	84	15.04	6.10	26.67	4.56
75.	67	1507.4	17.6	1536.5	1474.3	64	2.0	25.1	-11.2	81	14.93	5.10	25.61	0.05
100.	64	1508.7	14.4	1534.4	1479.3	63	-0.3	14.6	-39.3	78	14.86	4.24	23.65	7.18
125.	62	1507.9	13.5	1532.7	1485.6	61	-1.6	7.7	-18.7	75	14.42	3.87	22.50	8.30
150.	59	1507.2	12.5	1530.9	1490.4	57	-1.8	19.6	-39.0	72	13.94	3.53	21.64	9.34
200.	54	1505.5	13.1	1526.7	1487.6	53	-2.7	4.4	-23.3	65	13.13	3.63	19.77	9.36
250.	52	1503.0	14.4	1524.8	1485.6	52	-1.5	2.6	-6.9	64	11.99	3.92	18.83	6.60
300.	49	1500.7	16.0	1524.4	1483.4	48	-2.3	0.5	-24.4	59	11.16	4.30	18.40	5.71
400.	45	1496.5	18.7	1525.4	1477.6	45	-1.0	0.5	-3.9	55	9.53	4.84	18.19	4.99
500.	37	1493.9	18.9	1526.2	1478.2	36	-0.7	0.5	-4.1	47	8.25	4.75	17.89	4.74
600.	27	1488.1	15.0	1524.7	1478.7	26	-0.5	0.3	-2.7	37	6.40	3.51	16.91	4.48
700.	24	1487.6	12.3	1521.8	1479.5	24	-0.3	0.3	-2.8	33	5.87	3.08	15.53	4.29
800.	22	1487.3	11.3	1515.9	1480.5	20	-0.3	0.5	-2.6	31	5.48	2.53	13.31	4.07
900.	22	1486.5	8.6	1509.0	1481.6	21	-0.3	0.5	-2.3	31	4.91	1.87	10.93	4.00
1000.	20	1486.5	6.3	1502.4	1482.8	18	-0.1	0.5	-2.0	28	4.58	1.35	8.75	3.88
1100.	20	1486.7	4.2	1497.2	1484.1	20	0.1	0.5	-1.6	27	4.29	0.89	6.98	3.78
1200.	18	1487.3	2.9	1494.2	1485.4	17	0.2	0.5	-0.8	25	4.07	0.60	5.81	3.69
1300.	18	1488.3	2.0	1493.1	1486.8	18	0.3	0.5	-0.3	25	3.93	0.41	5.14	3.63
1400.	16	1489.5	1.6	1493.1	1488.2	16	0.4	0.5	0.0	21	3.83	0.34	4.72	3.57
1500.	16	1490.8	1.3	1493.7	1489.6	16	0.4	0.5	0.2	21	3.75	0.28	4.46	3.51
1750.	15	1494.1	1.0	1496.0	1493.2	15	0.4	0.5	0.3	20	3.56	0.20	4.01	3.37
2000.	10	1498.0	0.8	1499.2	1497.0	9	0.5	0.5	0.4	15	3.43	0.19	3.78	3.20
2500.	5	1505.6	1.0	1506.4	1504.0	5	0.4	0.4	0.4	8	3.12	0.27	3.46	2.85
3000.	3	1512.9	0.1	1513.0	1512.8	3	0.4	0.4	0.4	4	2.81	0.30	2.98	2.36
4000.	1	1527.5	0.0	1527.5	1527.5	1	0.5	0.5	0.5	1	2.29	0.00	2.29	2.29

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	44	1528.6	7.9	1547.9	1503.1	0	0.0	0.0	0.0	54	23.26	2.96	30.44	14.65	0	0.00	0.00	0.00
10.	44	1525.4	9.5	1546.2	1496.2	43	-14.0	6.1	18.9	54	21.92	3.43	29.50	12.52	54	-4.84	24.99	-44.32
20.	45	1517.6	14.9	1544.5	1483.1	45	-24.7	11.0	11.3	54	19.38	5.04	28.60	8.63	54	-8.09	2.01	-36.88
30.	44	1509.8	17.3	1543.5	1478.1	42	-20.4	27.4	-71.6	52	16.78	5.59	28.10	7.57	51	-6.72	5.94	-22.71
50.	44	1504.1	16.3	1541.7	1470.7	44	-3.9	28.0	-30.0	52	14.50	5.13	27.10	5.42	52	-2.31	6.74	-25.51
75.	42	1504.8	11.8	1538.7	1473.5	41	-0.3	29.7	-24.1	49	14.19	4.01	25.46	5.83	49	-0.56	5.49	-8.71
100.	40	1505.3	9.4	1535.8	1493.2	39	-0.5	5.7	-5.6	47	13.95	3.34	23.96	8.48	47	-0.45	1.34	-1.98
125.	40	1504.6	8.6	1532.4	1495.3	39	-0.8	2.6	-4.3	48	13.71	3.14	22.44	8.19	47	-0.53	0.48	-2.03
150.	39	1503.8	8.2	1529.5	1491.8	38	-1.4	1.2	-4.6	47	13.29	2.92	21.15	8.06	47	-0.63	0.13	-1.61
200.	36	1501.2	8.4	1526.1	1493.7	35	-2.2	1.5	-5.1	44	12.25	2.90	19.58	6.90	43	-0.77	0.24	-1.86
250.	35	1497.2	9.8	1524.6	1485.1	33	-2.5	-0.4	-6.1	42	10.80	2.95	18.78	7.41	42	-0.76	1.10	-1.83
300.	36	1493.1	10.6	1524.1	1478.9	36	-2.3	-0.2	-4.9	43	9.55	3.13	18.31	5.77	43	-0.70	-0.13	-1.38
400.	33	1486.3	10.1	1525.0	1477.3	29	-1.6	-0.4	-3.2	40	7.48	3.05	18.08	4.95	38	-0.53	-0.06	-1.13
500.	30	1483.7	5.5	1524.2	1477.0	28	-0.5	0.4	-1.7	36	6.11	2.34	17.28	4.48	35	-0.25	-0.03	-0.53
600.	28	1482.8	8.8	1521.2	1477.9	24	-0.2	0.4	-1.3	34	5.72	2.67	15.83	4.30	30	-0.16	-0.03	-0.73
700.	28	1482.5	7.2	1515.5	1479.1	25	-0.0	0.4	-2.1	34	5.24	2.13	13.68	4.13	32	-0.17	-0.03	-0.88
800.	27	1482.7	5.6	1509.5	1480.3	25	0.0	0.6	-2.3	32	4.65	1.35	11.52	4.02	31	-0.11	0.13	-0.73
900.	24	1483.4	4.3	1503.2	1480.6	23	0.2	0.5	-1.9	29	4.39	1.00	9.37	3.75	28	-0.09	-0.01	-0.66
1000.	21	1484.3	3.2	1498.1	1482.7	20	0.3	0.5	-1.2	24	4.21	0.76	7.63	3.78	24	-0.06	-0.02	-0.44
1100.	20	1485.2	2.2	1494.6	1484.1	20	0.3	0.4	-1.1	23	4.04	0.52	6.32	3.67	23	-0.05	-0.02	-0.40
1200.	18	1486.3	1.4	1491.8	1485.4	18	0.3	0.5	-0.9	21	3.90	0.33	5.24	3.58	21	-0.05	-0.01	-0.33
1300.	16	1487.5	0.9	1490.7	1486.8	15	0.4	0.5	0.3	20	3.78	0.21	4.57	3.50	20	-0.05	-0.02	-0.06
1400.	15	1488.9	0.8	1491.8	1488.1	13	0.4	0.5	0.3	19	3.70	0.20	4.41	3.45	19	-0.02	-0.01	-0.05
1500.	14	1490.3	0.8	1492.8	1489.5	13	0.4	0.5	0.3	16	3.63	0.19	4.25	3.42	16	-0.03	-0.01	-0.21
1750.	11	1493.9	0.7	1495.7	1493.3	9	0.5	0.5	0.4	14	3.52	0.17	3.95	3.34	14	-0.02	-0.01	-0.05
2000.	7	1497.6	0.7	1499.1	1497.0	7	0.4	0.5	0.4	9	3.41	0.18	3.74	3.25	9	-0.02	-0.01	-0.03
2500.	1	1504.6	0.0	1504.8	1504.8	1	0.5	0.5	0.5	2	3.18	0.16	3.29	3.07	2	-0.02	-0.01	-0.03
3000.	1	1511.2	0.0	1511.2	1511.2	1	0.3	0.3	0.3	1	2.57	0.00	2.57	2.57	1	-0.04	-0.04	-0.04

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 8

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT			
	NO	AVG	S	D	MAX	MIN	NO	AVG	S	D	MAX	MIN	NO	AVG	MAX	MIN
0.	87	1533.4	5.1	1544.7	1521.7	0.0	0	0.0	1.4	25.28	1.63	29.06	0	0.00	0.00	0.00
10.	89	1532.0	7.1	1544.4	1506.3	-6.0	85	-6.0	1.8	24.43	2.58	29.02	125	-3.02	8.53	-40.84
20.	91	1524.6	17.4	1544.6	1468.4	-24.7	89	-24.7	11.9	21.98	5.13	28.75	128	-9.24	2.01	-49.83
30.	85	1517.9	18.6	1544.7	1467.3	-26.8	83	-26.8	12.2	19.02	5.43	28.75	124	-10.33	2.13	-30.60
50.	81	1509.6	18.1	1545.1	1470.0	-33.5	77	-6.7	48.8	15.56	5.26	28.76	119	-3.07	11.28	-14.59
75.	78	1509.4	14.4	1543.8	1483.2	-18.3	77	-1.3	23.4	14.66	4.32	27.90	116	-1.01	5.28	-11.86
100.	75	1508.2	12.3	1540.1	1491.2	-21.3	76	-2.3	7.1	14.30	3.70	25.93	113	-0.92	8.92	-6.53
125.	75	1506.6	10.6	1537.5	1494.5	-19.6	75	-1.8	4.6	13.57	3.21	24.50	112	-0.84	0.99	-7.45
150.	74	1504.9	10.0	1535.1	1491.0	-15.9	74	-2.6	0.8	12.86	3.04	23.27	111	-0.96	0.20	-5.99
200.	63	1501.4	11.6	1531.3	1487.9	-54.9	61	-3.2	0.8	11.54	3.27	21.45	100	-0.97	-0.13	-15.19
250.	61	1497.9	12.7	1525.9	1485.4	-19.3	60	-2.5	0.1	10.33	3.46	19.22	97	-0.77	-0.10	-5.18
300.	61	1494.5	13.6	1525.1	1481.1	-11.2	59	-2.1	0.8	9.25	3.61	18.63	95	-0.66	0.56	-3.05
400.	48	1490.3	15.4	1525.3	1477.8	-5.8	45	-1.4	0.3	8.61	4.34	18.15	54	-0.51	-0.03	-1.57
500.	47	1487.5	15.8	1525.9	1476.4	-4.0	43	-0.7	0.6	7.30	4.25	17.81	54	-0.35	0.93	-2.34
600.	46	1486.4	15.0	1525.4	1478.2	-3.9	46	-0.3	0.8	6.49	3.90	17.11	54	-0.23	-0.01	-1.27
700.	46	1485.6	12.7	1520.6	1479.1	-4.1	45	-0.2	1.0	5.82	3.22	15.17	54	-0.22	-0.01	-1.46
800.	46	1485.1	13.0	1514.4	1479.9	-3.4	45	-0.2	0.6	5.26	2.48	12.87	53	-0.18	-0.02	-1.13
900.	45	1485.0	7.5	1508.0	1481.2	-2.5	44	-0.1	0.5	4.80	1.80	12.64	51	-0.14	-0.01	-0.80
1000.	39	1485.6	5.4	1501.8	1482.5	-2.1	39	0.1	1.5	4.52	1.28	8.58	45	-0.11	-0.02	-0.63
1100.	36	1486.3	3.7	1496.8	1483.9	-1.6	34	0.2	0.5	4.28	0.86	6.87	40	-0.08	-0.01	-0.55
1200.	31	1487.3	2.6	1494.3	1485.2	-0.8	30	0.3	0.6	4.12	0.59	5.83	36	-0.06	-0.01	-0.32
1300.	31	1488.3	1.7	1492.9	1486.6	-0.5	31	0.3	0.5	3.96	0.41	5.08	35	-0.05	-0.02	-0.25
1400.	30	1489.4	1.3	1493.0	1488.0	0.0	29	0.4	0.5	3.78	0.32	4.71	31	-0.03	-0.01	-0.11
1500.	30	1490.7	1.2	1493.5	1489.4	0.1	30	0.4	0.5	3.59	0.28	4.42	32	-0.03	-0.01	-0.09
1750.	25	1494.2	0.9	1496.0	1493.1	0.2	27	0.4	0.5	3.45	0.21	4.01	26	-0.02	-0.01	-0.07
2000.	20	1497.8	0.8	1499.4	1496.7	0.3	22	0.4	0.6	3.17	0.19	3.81	22	-0.02	-0.01	-0.04
2500.	12	1504.8	1.1	1506.5	1503.6	0.4	14	0.4	0.4	2.78	0.46	4.52	14	-0.01	0.18	-0.04
3000.	1	1510.7	0.0	1510.7	1510.7	0.4	3	0.4	0.4	2.78	0.52	3.38	3	-0.03	-0.01	-0.05

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 9

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	41	1533.9	6.2	1545.3	1517.5	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	36	1533.3	8.4	1545.4	1500.5	38	-3.0	12.8	-70.4	-70.4	57	-1.65	5.42	-24.81
20.	42	1527.8	14.2	1545.6	1482.2	40	-14.2	1.8	-94.5	-94.5	59	-5.20	2.50	-32.22
30.	41	1521.7	16.3	1545.5	1478.5	41	-24.1	3.0	-89.6	-89.6	57	-8.73	3.78	-29.73
40.	37	1511.0	20.9	1543.9	1475.2	35	-11.3	45.7	-63.9	-63.9	53	-4.16	10.67	-20.79
50.	35	1511.1	16.2	1540.8	1484.9	35	-2.0	19.3	-13.1	-13.1	50	-1.37	4.45	-6.11
75.	35	1509.6	13.8	1537.9	1492.0	35	-1.7	10.6	-7.4	-7.4	51	-0.94	3.75	-4.27
100.	35	1508.6	12.9	1534.6	1492.0	35	-1.6	2.8	-5.1	-5.1	50	-0.80	2.74	-3.12
125.	34	1507.5	12.7	1530.8	1491.9	34	-1.9	0.7	-6.1	-6.1	49	-0.75	0.30	-2.61
150.	32	1504.8	13.4	1528.1	1498.6	30	-2.3	0.1	-7.0	-7.0	47	-0.69	-0.15	-1.37
200.	31	1501.8	14.7	1526.7	1485.2	31	-1.8	-0.2	-3.7	-3.7	46	-0.69	-0.15	-1.37
250.	31	1501.8	14.7	1526.7	1485.2	31	-1.8	-0.2	-3.7	-3.7	46	-0.69	-0.15	-1.37
300.	29	1499.6	16.3	1525.8	1482.4	29	-1.6	0.1	-3.7	-3.7	45	-0.62	-0.10	-1.84
350.	27	1496.3	18.8	1525.8	1479.1	26	-1.1	0.2	-3.0	-3.0	43	-0.45	-0.02	-1.71
400.	27	1496.3	18.8	1525.8	1479.1	26	-1.1	0.2	-3.0	-3.0	43	-0.45	-0.02	-1.71
500.	24	1495.0	19.9	1526.2	1477.8	24	-0.8	0.2	-3.8	-3.8	39	-0.29	-0.03	-0.92
600.	23	1493.4	18.7	1526.5	1478.8	22	-0.7	0.4	-0.4	-0.4	38	-0.27	-0.02	-1.17
700.	22	1491.9	16.3	1525.1	1479.4	22	-0.6	0.3	-2.7	-2.7	36	-0.25	-0.02	-0.67
800.	21	1490.6	13.6	1521.5	1480.2	21	-0.6	0.4	-3.5	-3.5	35	-0.23	-0.03	-1.03
900.	20	1489.1	10.2	1514.6	1481.3	20	-0.6	0.4	-3.5	-3.5	33	-0.22	-0.02	-0.94
1000.	19	1487.9	7.2	1507.8	1482.4	18	-0.4	0.4	-2.5	-2.5	30	-0.18	-0.02	-0.50
1100.	18	1487.7	4.9	1500.9	1483.7	17	-0.1	0.5	-1.2	-1.2	29	-0.11	-0.01	-0.69
1200.	18	1487.8	3.1	1495.9	1484.9	18	0.1	0.6	-1.2	-1.2	29	-0.07	0.08	-0.64
1300.	16	1498.6	2.1	1493.1	1486.2	18	0.3	1.1	-0.9	-0.9	29	-0.04	0.11	-0.33
1400.	16	1489.7	1.8	1492.7	1487.7	15	0.3	0.5	-0.1	-0.1	26	-0.03	-0.01	-0.15
1500.	14	1490.8	0.9	1492.9	1489.3	14	0.4	0.5	0.1	0.1	22	-0.02	-0.01	-0.07
1750.	13	1496.3	0.9	1495.9	1493.1	10	0.4	0.5	0.4	0.4	20	-0.02	-0.01	-0.07
2000.	10	1498.1	0.7	1499.3	1496.8	10	0.5	0.6	0.4	0.4	16	-0.03	-0.02	-0.03
2500.	8	1505.3	0.9	1506.4	1503.5	8	0.4	0.6	0.4	0.4	12	-0.03	-0.02	-0.03
3000.	6	1512.2	0.6	1513.1	1511.4	5	0.4	0.6	0.4	0.4	7	-0.03	-0.02	-0.03
4000.	1	1527.3	0.0	1527.3	1527.3	1	0.5	0.5	0.5	0.5	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 3 OF MARS DEN SQUARE 116 FOR MONTH 10

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	67	1518.7	9.1	1539.3	1500.0	0	0.0	0.0	0.0	0.0	0	0.00	0.00	0.00
10.	69	1518.7	9.0	1539.5	1500.2	67	-0.2	0.2	13.7	-25.4	75	-0.04	15.30	-9.75
20.	68	1518.5	9.0	1539.7	1502.1	67	-0.9	0.0	15.5	-39.6	75	-0.65	4.24	-14.02
30.	66	1517.2	10.1	1539.3	1490.2	66	-5.7	0.0	21.9	-56.7	73	-2.01	5.73	-17.57
40.	61	1510.1	13.2	1540.2	1485.4	59	-12.6	0.0	24.4	-64.9	68	-4.11	5.59	-20.21
50.	54	1506.4	8.9	1534.5	1489.4	54	-2.5	0.3	15.3	-23.8	61	-1.62	4.57	-17.55
60.	49	1506.2	8.1	1523.7	1478.6	47	-2.1	0.0	11.6	-14.0	52	-0.91	2.68	-5.44
70.	48	1504.5	5.4	1522.0	1495.7	48	-2.2	0.0	4.4	-6.1	53	-0.82	0.91	-1.63
80.	47	1502.7	5.5	1521.6	1494.5	46	-2.3	0.0	1.6	-6.1	52	-0.81	0.21	-2.24
90.	36	1499.0	7.0	1521.6	1489.7	35	-2.7	0.0	-0.1	-6.2	41	-0.91	-0.21	-3.10
100.	36	1494.9	7.6	1522.0	1484.5	36	-2.5	0.0	0.3	-8.0	40	-0.80	-0.55	-2.29
110.	37	1496.7	8.1	1522.6	1482.2	36	-2.5	0.0	0.5	-5.5	41	-0.83	-0.22	-1.52
120.	32	1485.3	8.7	1522.0	1478.5	30	-1.3	0.0	0.2	-3.0	36	-0.47	-0.14	-0.57
130.	29	1482.8	8.1	1519.2	1478.0	28	-0.7	0.0	0.2	-3.0	34	-0.32	-0.10	-0.94
140.	27	1481.7	7.1	1514.8	1478.4	27	-0.2	0.0	0.3	-1.5	33	-0.17	-0.03	-0.57
150.	26	1481.4	5.8	1509.4	1479.3	26	0.1	0.0	1.0	-1.8	32	-0.10	0.13	-0.64
160.	23	1481.4	5.8	1483.1	1490.0	23	0.2	0.0	0.5	-0.5	28	-0.10	0.13	-0.64
170.	22	1482.2	5.6	1484.2	1481.3	23	0.2	0.0	0.5	-0.4	26	-0.07	0.12	-0.25
180.	21	1483.3	0.7	1486.0	1482.6	21	0.4	0.0	0.6	0.2	24	-0.06	-0.03	-0.22
190.	21	1484.6	0.8	1477.9	1483.9	21	0.4	0.0	0.6	0.3	24	-0.05	0.02	-0.57
200.	19	1486.0	0.9	1489.3	1485.2	18	0.4	0.0	0.6	0.3	24	-0.05	0.03	-0.55
210.	19	1487.3	0.7	1489.9	1486.4	19	0.4	0.0	0.5	0.2	22	-0.03	-0.01	-0.59
220.	18	1488.6	0.5	1490.2	1487.8	18	0.4	0.0	0.5	0.1	21	-0.03	-0.02	-0.10
230.	17	1489.9	0.3	1490.6	1489.3	17	0.4	0.0	0.5	-0.0	19	-0.03	-0.01	-0.13
240.	15	1493.5	0.2	1494.0	1493.0	15	0.4	0.0	0.5	0.4	17	-0.02	-0.01	-0.00
250.	10	1497.2	0.2	1497.6	1496.8	10	0.4	0.0	0.5	0.3	12	-0.02	-0.01	-0.03
260.	3	1504.4	0.4	1504.8	1504.0	3	0.4	0.0	0.4	0.4	3	-0.02	-0.02	-0.03
270.	1	1511.2	0.0	1511.2	1511.2	1	0.5	0.0	0.5	0.5	1	-0.02	-0.02	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	20	1516.4	11.4	1534.2	1492.3	0	0.0	0.0	0.0	23	18.02	3.34	25.05	11.39	9	0.00	0.00	0.00
10.	20	1516.3	11.1	1536.4	1492.9	20	-0.5	2.4	-14.5	24	17.91	3.20	25.06	11.51	24	-0.30	0.51	-5.08
20.	20	1516.3	10.9	1536.6	1494.2	20	0.3	4.0	-7.0	24	17.86	3.17	25.08	11.82	24	-0.54	0.94	-2.41
30.	20	1516.5	10.6	1536.8	1497.7	20	0.1	15.8	-15.2	24	17.87	3.11	25.09	12.68	24	-0.10	3.78	-4.27
50.	20	1515.9	10.7	1537.1	1500.3	20	-4.1	8.7	-29.0	24	17.48	3.17	25.07	12.94	24	-1.65	2.01	-8.99
75.	20	1512.4	12.1	1536.6	1494.1	20	-2.8	11.7	-13.7	24	15.61	3.66	24.63	10.88	24	-1.44	2.69	-5.23
100.	20	1511.4	11.7	1536.8	1494.0	20	-1.6	10.7	-7.9	24	15.22	3.70	24.53	9.26	24	-0.70	3.35	-3.05
125.	18	1508.1	12.7	1536.0	1489.9	18	-2.2	2.3	-14.9	22	14.09	3.16	23.90	9.57	22	-0.84	0.38	-5.00
150.	14	1506.2	10.1	1532.5	1471.9	18	-2.5	2.4	-8.1	22	13.38	2.91	22.27	9.89	22	-0.94	0.39	-2.44
200.	14	1499.2	7.8	1525.5	1494.2	14	-3.4	-2.2	-6.5	16	11.34	2.19	19.37	10.05	16	-1.10	-0.70	-1.74
250.	12	1492.8	2.0	1496.3	1489.7	13	-2.4	-1.3	-4.4	15	9.43	0.49	10.35	8.65	15	-0.75	-0.47	-1.30
300.	12	1499.1	2.2	1492.8	1485.7	12	-2.1	-1.3	-4.1	14	8.28	0.52	9.24	7.44	14	-0.69	-0.50	-1.12
400.	10	1483.1	2.1	1487.5	1480.6	10	-1.2	-0.8	-2.3	14	6.40	0.44	7.45	5.73	14	-0.46	-0.30	-0.71
500.	10	1490.6	1.9	1485.5	1478.4	10	-0.5	-0.1	-1.3	14	5.32	0.39	6.53	4.90	14	-0.24	-0.15	-0.44
600.	8	1487.9	1.1	1482.6	1478.7	8	-0.2	0.4	-1.5	12	4.76	0.22	5.41	4.49	12	-0.16	-0.08	-0.51
700.	8	1480.0	0.3	1480.5	1479.4	8	0.2	0.8	-0.2	12	4.40	0.08	4.52	4.25	12	-0.08	-0.04	-0.16
800.	8	1491.0	0.3	1481.4	1480.5	8	0.3	0.4	0.2	12	4.22	0.07	4.33	4.12	12	-0.05	-0.02	-0.04
900.	8	1482.0	0.4	1482.8	1481.6	8	0.3	0.4	0.2	12	4.08	0.08	4.26	3.98	12	-0.04	-0.02	-0.04
1000.	8	1483.2	0.4	1484.1	1482.8	8	0.4	0.5	0.3	12	3.77	0.08	4.17	3.87	12	-0.03	-0.02	-0.04
1100.	8	1484.5	0.4	1485.4	1484.2	8	0.4	0.4	0.3	12	3.87	0.08	4.09	3.79	12	-0.03	-0.02	-0.04
1200.	7	1485.8	0.4	1486.7	1485.4	7	0.3	0.4	0.4	12	3.78	0.08	4.00	3.70	12	-0.02	-0.01	-0.04
1300.	7	1487.0	0.1	1487.2	1486.5	7	0.4	0.5	0.3	11	3.68	0.04	3.76	3.62	11	-0.02	-0.01	-0.04
1400.	7	1498.4	0.1	1488.7	1488.1	7	0.4	0.4	0.4	11	3.61	0.05	3.70	3.54	11	-0.02	-0.01	-0.02
1500.	7	1484.8	0.2	1490.3	1489.5	7	0.4	0.5	0.3	11	3.55	0.05	3.66	3.48	11	-0.02	-0.01	-0.02
1750.	6	1493.4	0.0	1493.5	1493.4	6	0.5	0.5	0.4	9	3.40	0.02	3.42	3.37	9	-0.02	-0.01	-0.02
2000.	3	1497.1	0.1	1497.2	1497.0	3	0.4	0.5	0.4	3	3.28	0.03	3.30	3.24	3	-0.01	-0.01	-0.02

SUMMARY FOR QUADRANT 3 OF MARSDEN SQUARE 116 FOR MONTH 12

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT				
	NO	AVG	S D	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	32	1506.0	15.3	1534.0	1476.0	0	0.0	4.50	24.04	7.14	0	0.00	0.00	0.00
10.	33	1506.8	14.8	1534.0	1476.7	33	1.7	22.3	23.98	7.27	38	0.33	5.58	-0.27
20.	34	1507.5	14.3	1534.1	1478.0	32	1.8	11.0	23.97	7.53	38	0.28	2.67	-0.15
30.	34	1509.2	13.3	1534.3	1487.1	34	1.4	10.7	24.00	9.68	39	0.21	2.53	-0.15
40.	33	1511.7	12.6	1534.5	1491.2	33	0.7	13.9	23.93	10.62	37	0.02	3.52	-2.74
50.	30	1513.2	10.7	1532.0	1497.6	30	-0.8	30.3	22.64	11.88	34	-0.66	8.36	-5.50
75.	28	1511.8	11.1	1532.0	1497.4	27	-2.9	4.6	22.50	11.45	31	-1.42	0.91	-6.52
100.	26	1510.5	11.7	1532.1	1495.4	26	-2.2	2.9	22.33	10.81	29	-0.94	0.56	-3.27
125.	21	1510.6	12.4	1530.7	1492.1	20	-2.4	0.7	21.60	9.68	24	-0.84	1.58	-2.16
150.	17	1507.5	13.0	1529.3	1489.2	17	-2.1	3.0	20.75	8.66	22	-0.85	0.61	-2.53
200.	17	1505.8	13.4	1528.5	1489.9	17	-1.9	-0.4	20.18	8.76	19	-0.74	-0.27	-1.68
250.	13	1506.0	14.6	1527.0	1490.5	13	-1.8	0.2	19.33	8.49	16	-0.61	-0.08	-1.74
300.	13	1501.5	17.7	1525.7	1483.4	10	-1.3	0.2	18.30	6.45	14	-0.45	-0.10	-0.90
400.	12	1498.5	18.7	1524.1	1480.3	12	-1.2	-0.5	17.22	5.20	15	-0.44	-0.22	-1.10
500.	12	1494.8	17.1	1521.2	1479.5	12	-1.1	0.4	15.81	4.66	15	-0.37	-0.06	-1.43
600.	12	1492.0	14.9	1517.0	1480.0	12	-0.5	1.0	14.07	4.39	15	-0.25	-0.03	-0.70
800.	11	1490.8	12.1	1511.4	1480.8	11	-0.7	0.3	12.03	4.19	12	-0.30	-0.04	-0.79
900.	11	1488.9	8.7	1504.4	1481.7	11	-0.4	0.4	9.69	4.01	12	-0.25	-0.02	-0.73
1000.	11	1487.9	5.8	1499.0	1482.8	10	-0.2	0.7	7.88	3.87	11	-0.17	0.04	-0.61
1100.	11	1487.3	3.4	1493.6	1484.1	10	-0.3	0.5	6.09	3.79	11	-0.19	0.01	-0.60
1200.	10	1487.8	2.5	1491.6	1485.5	10	0.3	0.7	5.17	3.72	11	-0.06	0.06	-0.27
1300.	8	1498.7	2.3	1492.0	1486.8	8	0.3	0.5	4.87	3.64	9	-0.05	-0.01	-0.13
1400.	6	1490.2	2.1	1492.8	1488.4	6	0.3	0.6	4.66	3.61	7	-0.04	-0.01	-0.11
1500.	5	1491.6	1.7	1493.7	1489.9	5	0.4	0.6	4.45	3.16	6	-0.04	-0.01	-0.07
1750.	4	1495.3	1.3	1496.2	1493.7	4	0.4	0.8	3.93	3.44	4	-0.04	-0.01	-0.06
2000.	1	1498.2	0.0	1498.2	1498.2	1	0.4	0.4	3.54	3.54	1	0.04	-0.04	-0.04
2500.	1	1505.7	0.0	1505.7	1505.7	1	0.5	0.5	3.30	3.30	1	-0.01	-0.01	-0.01

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 116 FOR MONTH 7

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	462	1463.6	31.7	1540.5	1399.1	0	0.0	0.0	0.0	474	10.62	8.34	27.26	-3.90	0	0.00	0.00	0.00
10.	306	1466.4	31.2	1540.6	1416.9	301	1.4	71.9	-77.1	352	10.12	8.25	27.28	-1.10	351	-1.74	11.09	-29.02
20.	181	1471.4	30.0	1539.4	1424.8	179	4.6	71.6	-69.5	195	10.49	7.59	27.24	0.20	193	-0.88	29.87	-25.45
30.	118	1469.5	31.3	1538.2	1423.9	111	0.7	21.9	14.9	173	10.25	7.95	26.79	0.45	123	-0.64	5.18	-31.09
50.	4	1517.6	19.0	1522.5	1469.1	4	-12.2	-5.1	-21.1	5	19.11	5.11	22.48	10.04	5	-4.91	-2.19	-9.66
75.	4	1513.0	14.6	1522.6	1491.7	4	-2.6	14.9	-13.5	7	17.19	3.18	19.19	10.37	7	-2.16	3.08	-4.66
100.	4	1509.7	7.8	1514.7	1498.2	4	-4.6	6.9	-10.0	7	15.56	1.83	17.02	11.81	7	-2.03	1.57	-3.46
125.	4	1505.8	2.7	1507.3	1501.6	4	-7.3	-5.1	-9.0	7	14.11	1.03	15.45	12.53	7	-2.17	-1.67	-2.90
150.	3	1502.0	1.0	1503.2	1501.4	3	-4.9	-4.4	-5.5	5	13.03	0.89	14.16	12.24	5	-1.61	-1.40	-1.93
200.	3	1495.3	2.4	1498.1	1493.9	3	-4.1	-3.1	-4.6	4	10.85	1.08	12.27	9.99	4	-1.12	-0.76	-1.37
250.	3	1492.2	0.8	1492.8	1491.3	3	-1.6	-0.3	-3.2	4	9.74	0.84	10.97	9.09	4	-0.63	-0.19	-0.94
300.	3	1489.7	1.6	1491.3	1488.1	1	-2.9	-2.9	-2.9	4	6.76	0.65	9.64	8.04	4	-1.77	-0.76	-2.95
400.	3	1485.3	2.7	1486.8	1482.2	1	-1.6	-1.6	-1.6	4	7.06	0.63	7.53	6.13	4	-0.53	-0.46	-0.58
500.	3	1482.9	1.6	1483.9	1480.8	3	-2.2	-0.4	-3.0	3	5.91	0.45	6.17	5.39	3	-0.28	-0.23	-0.30
600.	3	1479.9	0.5	1480.2	1479.4	1	-0.4	-0.4	-0.4	3	4.79	0.11	4.85	4.66	3	-0.24	-0.22	-0.24
700.	3	1480.5	0.1	1480.6	1480.5	3	0.9	1.1	0.4	3	4.54	0.01	4.55	4.53	3	0.09	0.15	-0.03
800.	3	1481.1	0.2	1481.3	1481.0	3	0.4	0.5	0.2	4	4.33	0.13	4.52	4.24	4	-0.04	-0.05	-0.07
900.	3	1482.2	0.2	1482.5	1482.1	1	0.4	0.4	0.4	4	4.23	0.19	4.50	4.10	2	-0.02	-0.01	-0.03
1000.	2	1483.1	0.0	1483.1	1483.1	2	0.3	0.3	0.3	3	4.10	0.24	4.37	3.96	3	-0.06	-0.04	-0.10
1100.	2	1482.5	0.0	1482.5	1482.5	2	-0.2	-0.2	-0.2	3	3.61	0.36	4.03	3.40	3	-0.16	-0.10	-0.19
1200.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.80	0.00	3.80	3.80	1	0.00	0.00	0.00
1300.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.76	0.00	3.76	3.76	1	-0.01	-0.01	-0.01
1400.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.72	0.00	3.72	3.72	1	-0.01	-0.01	-0.01
1500.	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	1	3.69	0.00	3.69	3.69	1	0.00	0.00	0.00

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 116 FOR MONTH 8

DEPTH	VELOCITY			VELOCITY GRADIENT			TEMPERATURE			TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	MEM	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0-	62	1510.7	9.1	1540.4	1498.5		0	0.0	3.0	0.0		0	0.00	0.00	0.00
10-	44	1514.0	5.5	1541.0	1505.3		44	4.9	39.0	-54.9		49	-1.79	4.94	-24.32
20-	23	1515.4	7.8	1540.8	1492.7		23	1.7	14.3	-39.6		25	-1.15	1.52	-12.13
30-	19	1518.5	4.7	1536.9	1513.6		19	5.8	16.2	-11.9		20	-0.60	1.83	-5.46
50-	1	1529.4	0.0	1529.4	1529.4		1	-11.4	-11.4	-11.4		1	-4.38	-4.88	-4.83
75-	1	1521.1	0.0	1521.1	1521.1		1	-10.1	-10.1	-10.1		1	-3.96	-3.96	-3.96
100-	1	1514.7	0.0	1514.7	1514.7		1	-4.1	-4.1	-4.1		1	-1.42	-1.42	-1.42
125-	1	1510.9	0.0	1510.9	1510.9		1	-4.6	-4.6	-4.6		1	-1.55	-1.55	-1.55
150-	1	1506.4	0.0	1506.4	1506.4		1	-6.1	-6.1	-6.1		1	-1.83	-1.83	-1.83

SUMMARY FOR QUADRANT 4 OF MARSDEN SQUARE 115 FOR MONTH 11

DEPTH	VELOCITY				VELOCITY GRADIENT				TEMPERATURE				TEMPERATURE GRADIENT					
	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN	NO	AVG	S D	MAX	MIN	NO	AVG	MAX	MIN
0.	71	1503.0	13.6	1542.3	1487.7	0	0.0	0.0	0.0	75	20.40	2.20	27.80	16.52	0	0.00	0.00	0.00
10.	58	1503.8	12.3	1542.2	1475.5	58	9.5	86.6	-22.3	62	20.36	2.17	27.71	16.50	62	0.57	21.88	-8.17
20.	34	1510.0	11.4	1542.2	1499.6	34	3.6	21.3	-65.2	36	20.03	2.28	27.61	15.35	36	-2.00	1.86	-6.56
30.	24	1509.0	5.4	1542.1	1501.0	24	4.0	14.5	-9.1	24	19.55	2.39	27.52	14.85	24	-0.84	1.16	-3.29
40.	1	1542.0	0.0	1542.0	1542.0	1	-0.2	-0.2	-0.2	1	27.33	0.00	27.33	27.33	1	-0.29	-0.29	-0.29
75.	1	1541.9	0.0	1541.9	1541.9	0	0.0	0.0	0.0	1	27.09	0.00	27.09	27.09	1	-0.50	-0.50	-0.50
100.	1	1541.8	0.0	1541.8	1541.8	1	-0.1	-0.1	-0.1	1	26.85	0.00	26.85	26.85	1	-0.29	-0.29	-0.29
125.	1	1541.7	0.0	1541.7	1541.7	1	0.1	0.1	0.1	1	26.69	0.00	26.69	26.69	1	-0.20	-0.20	-0.20
150.	1	1538.1	0.0	1538.1	1538.1	1	-4.6	-4.6	-4.6	1	24.85	0.00	24.85	24.85	1	-2.24	-2.24	-2.24
200.	1	1515.4	0.0	1515.4	1515.4	1	-13.8	-13.8	-13.8	1	16.16	0.00	16.16	16.16	1	-5.30	-5.30	-5.30